

FIG. 1

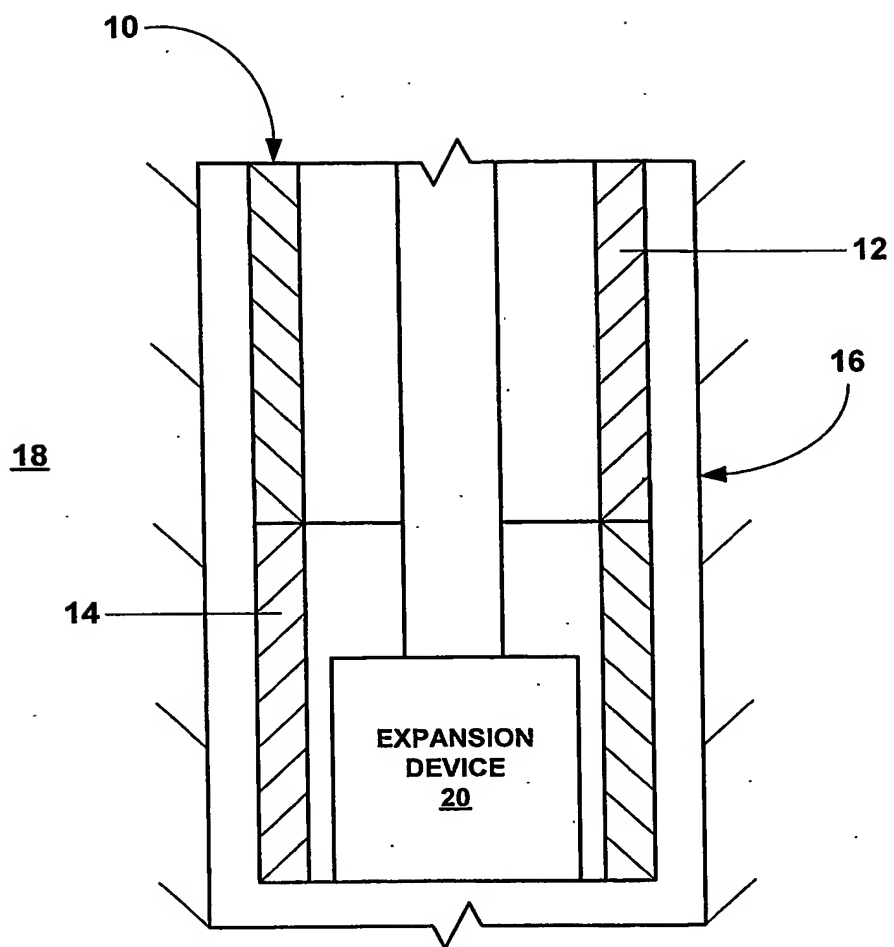


FIG. 2

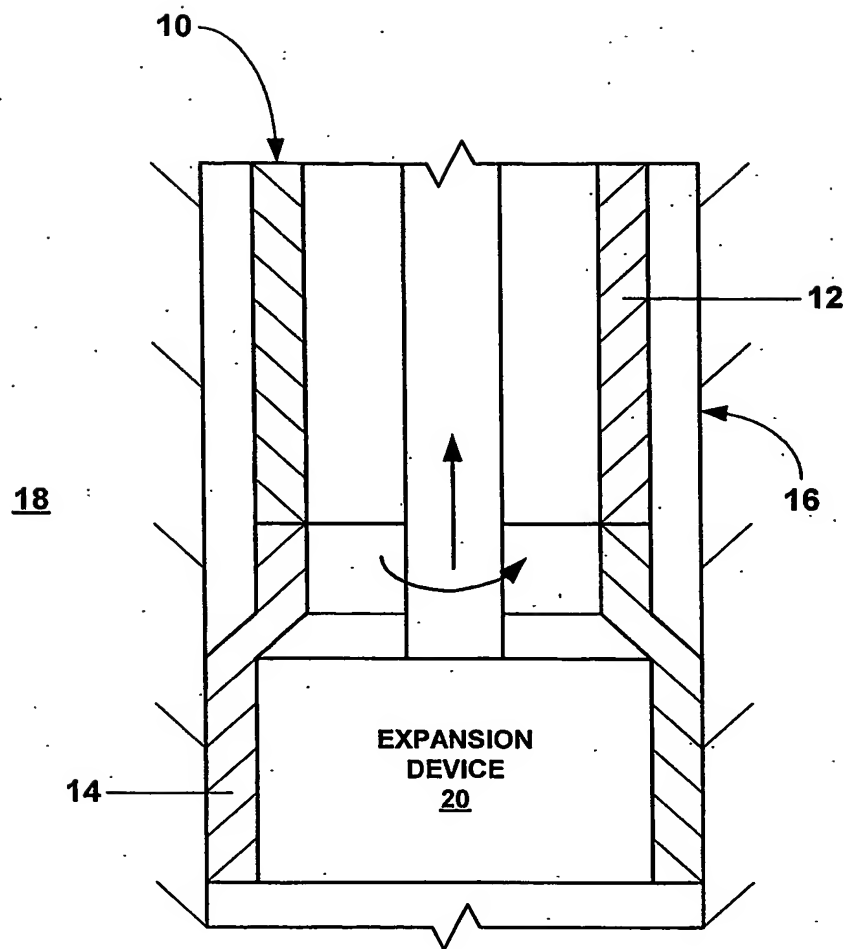


FIG. 3

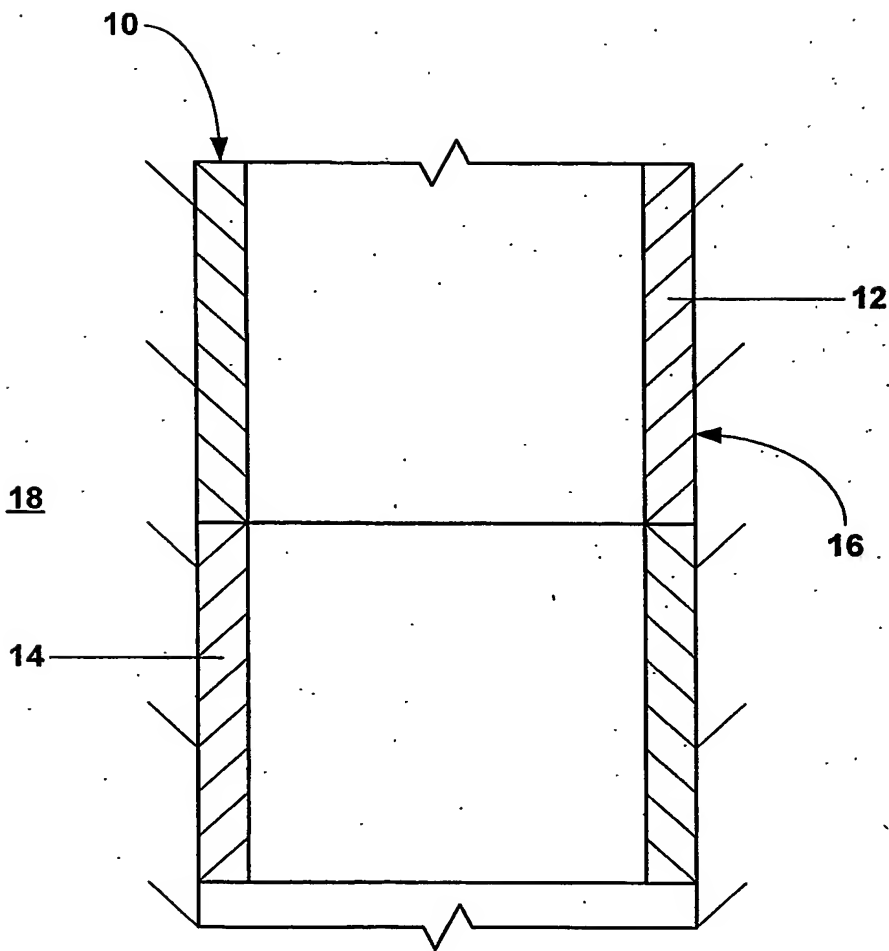


FIG. 4

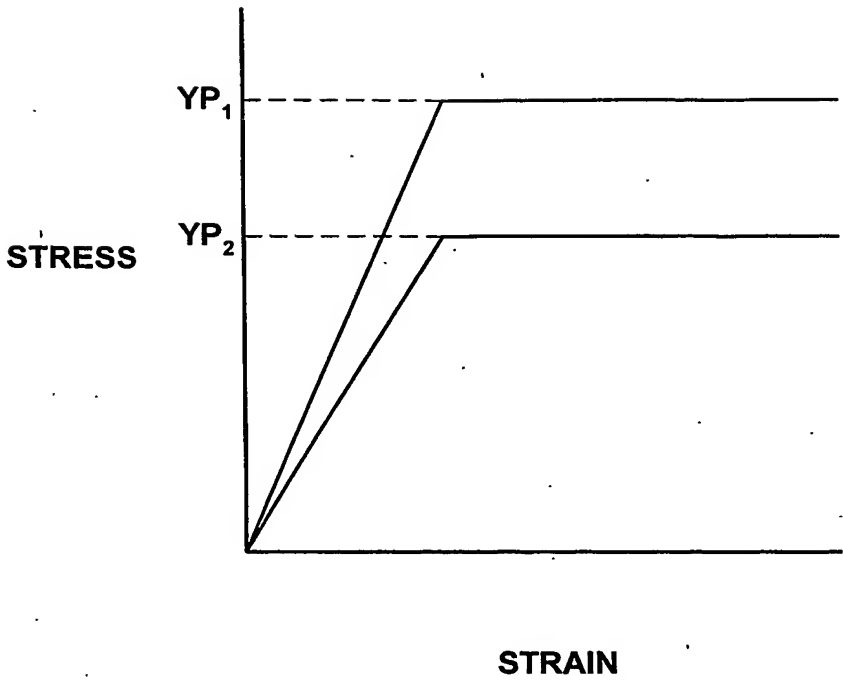


FIG. 5

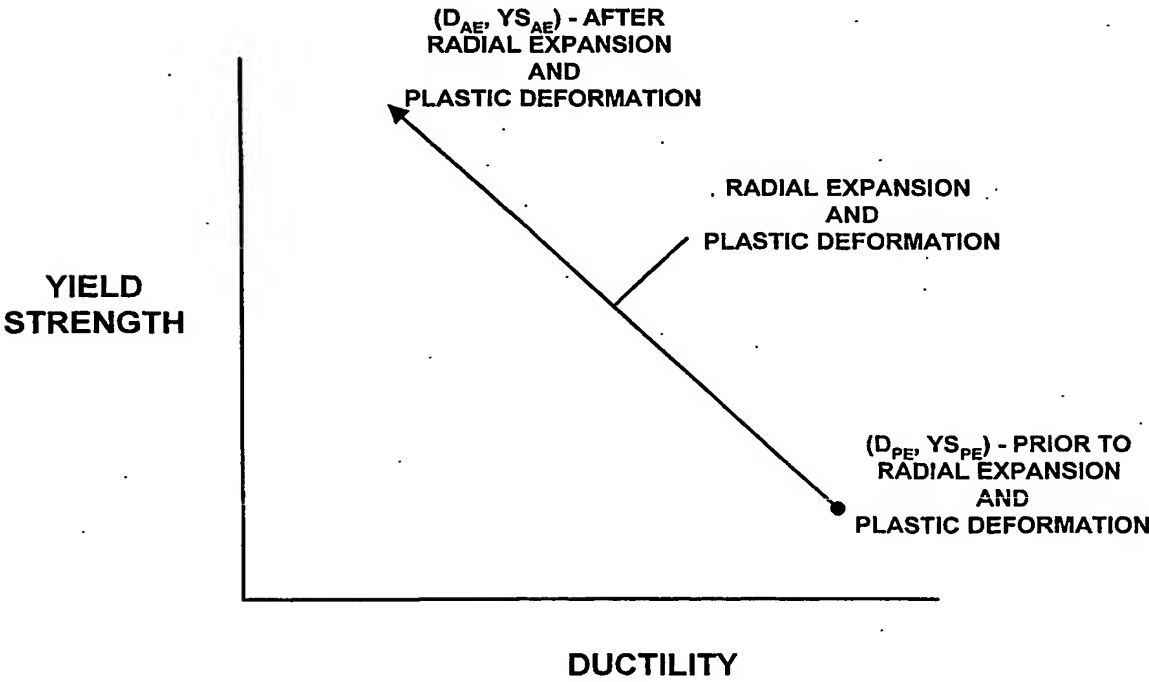


FIG. 6

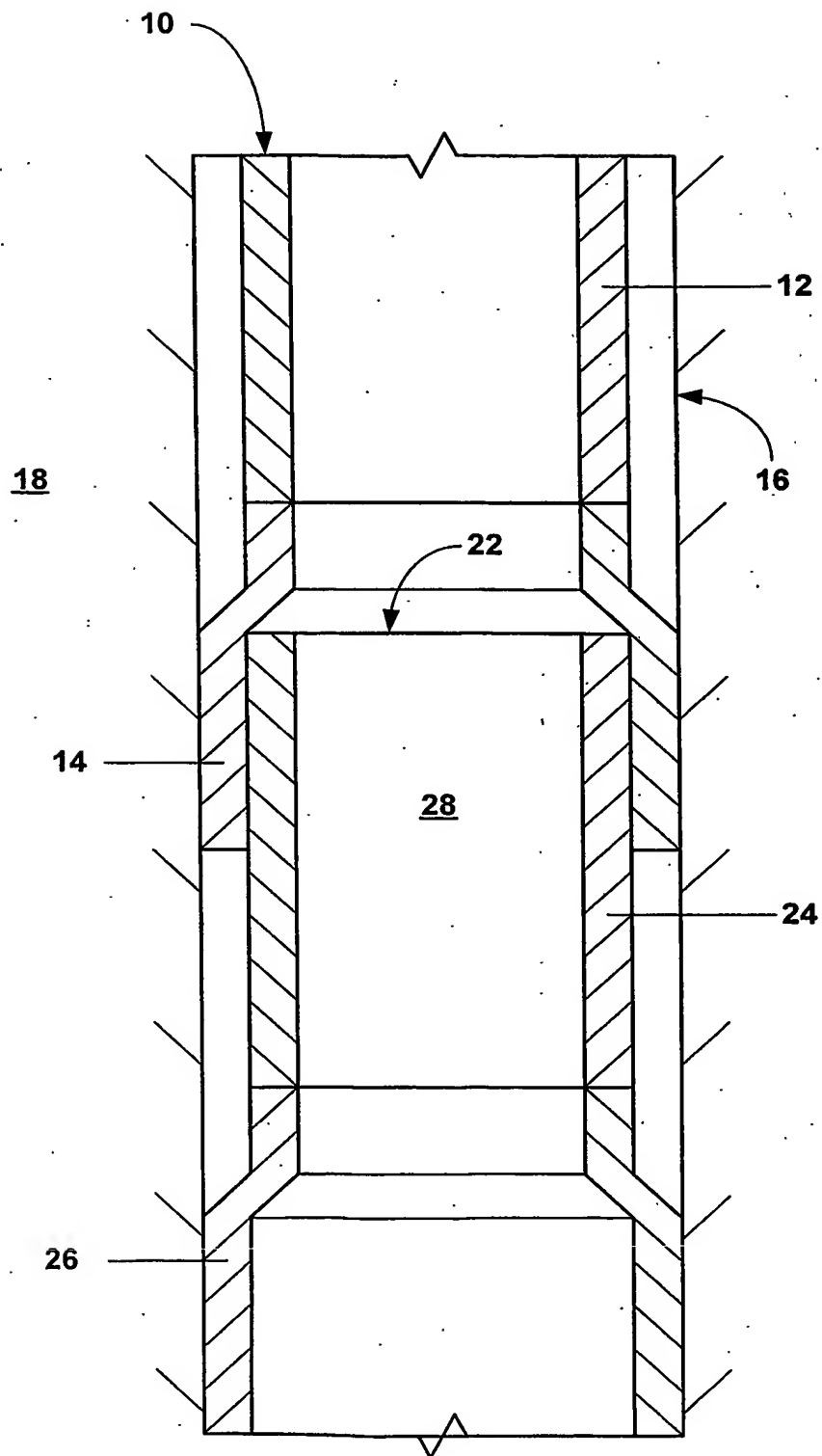


FIG. 7

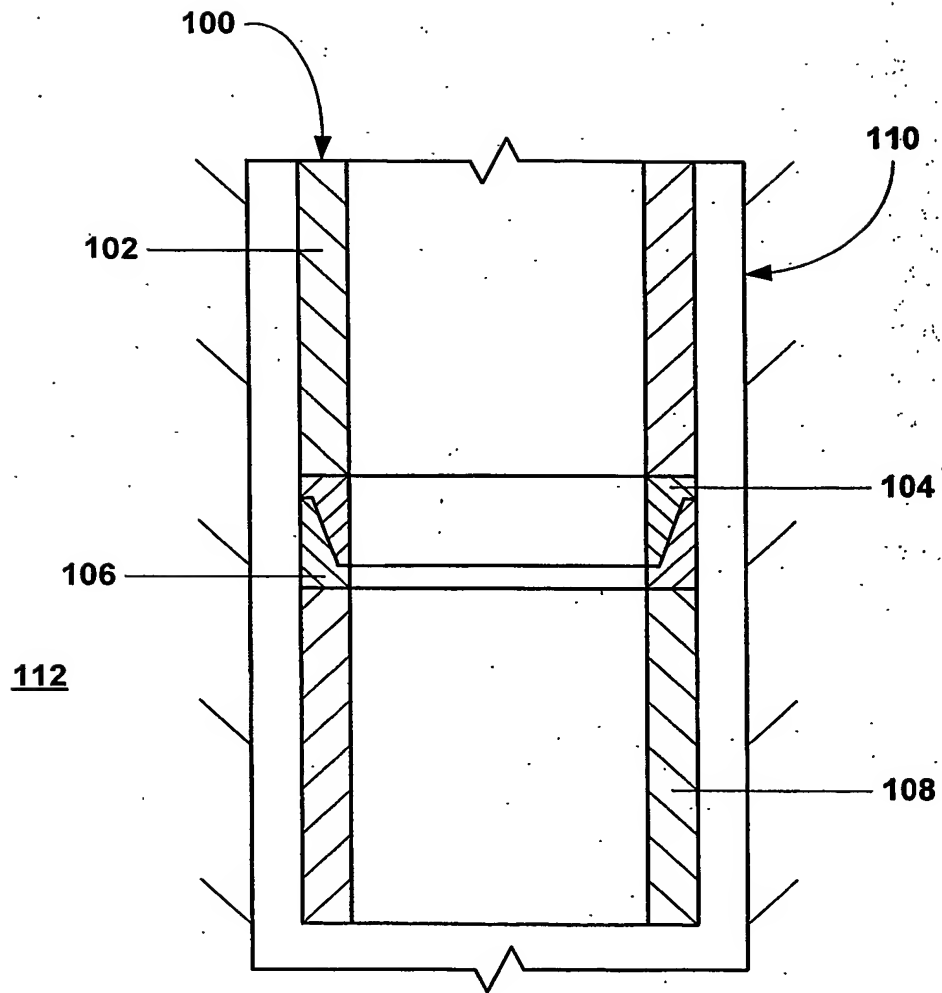


FIG. 8

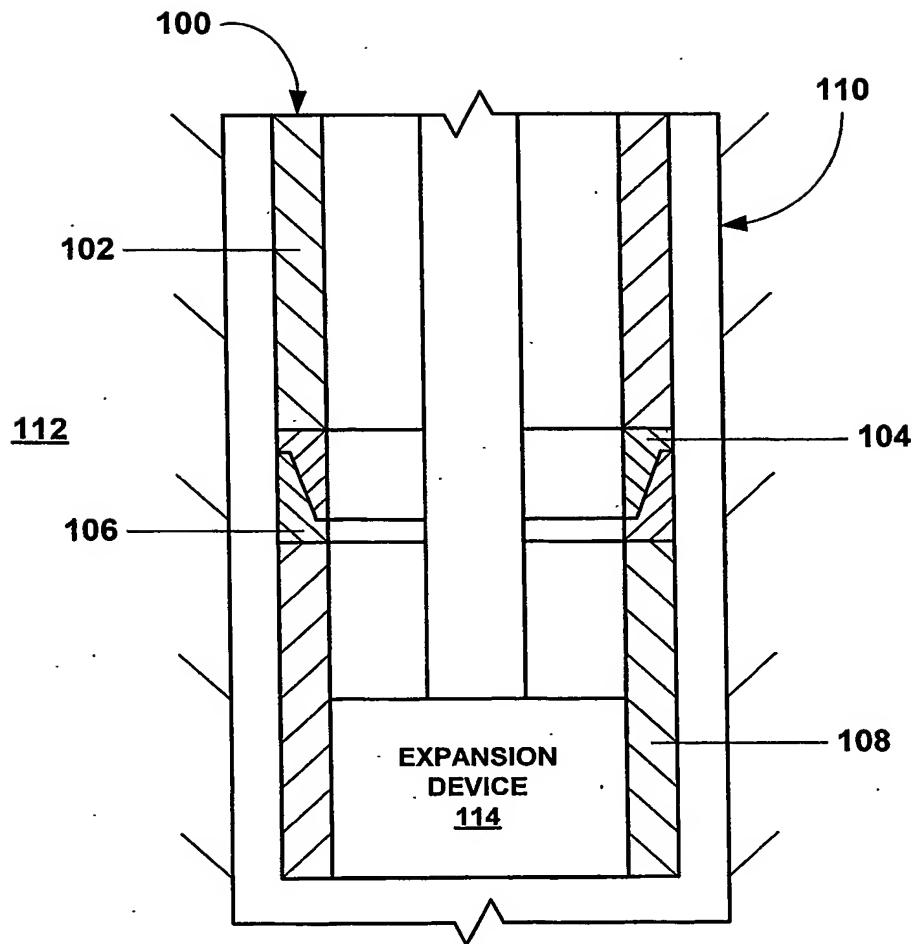


FIG. 9



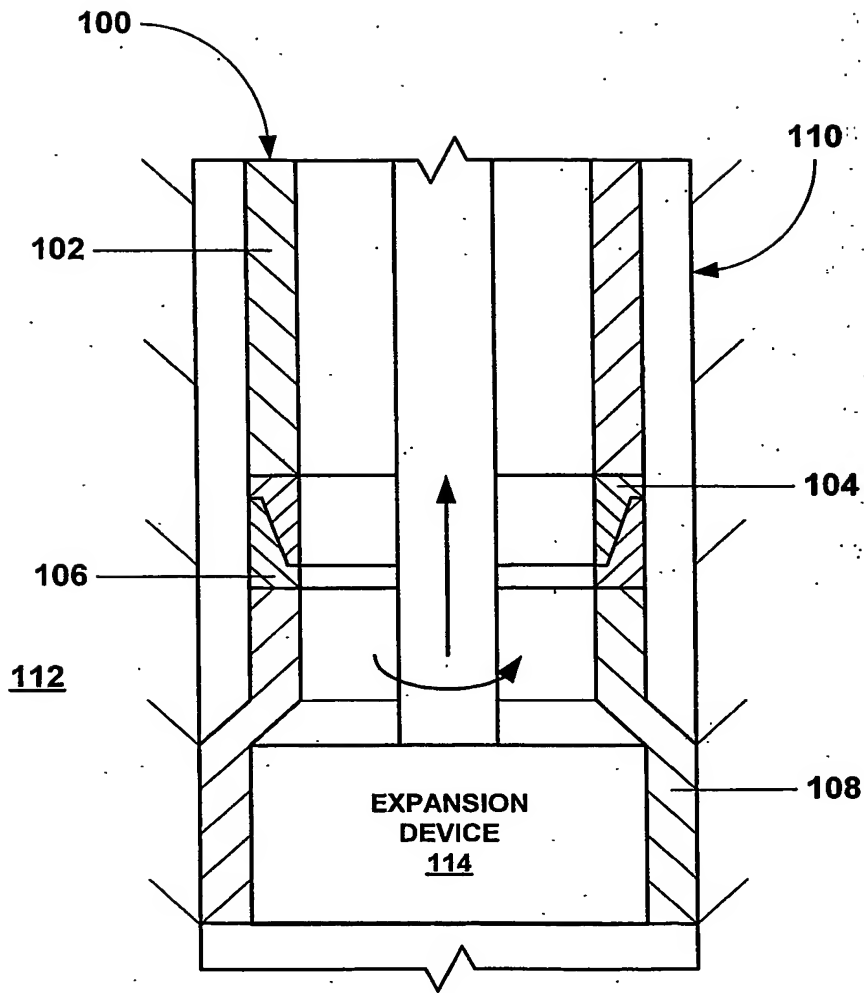


FIG. 10

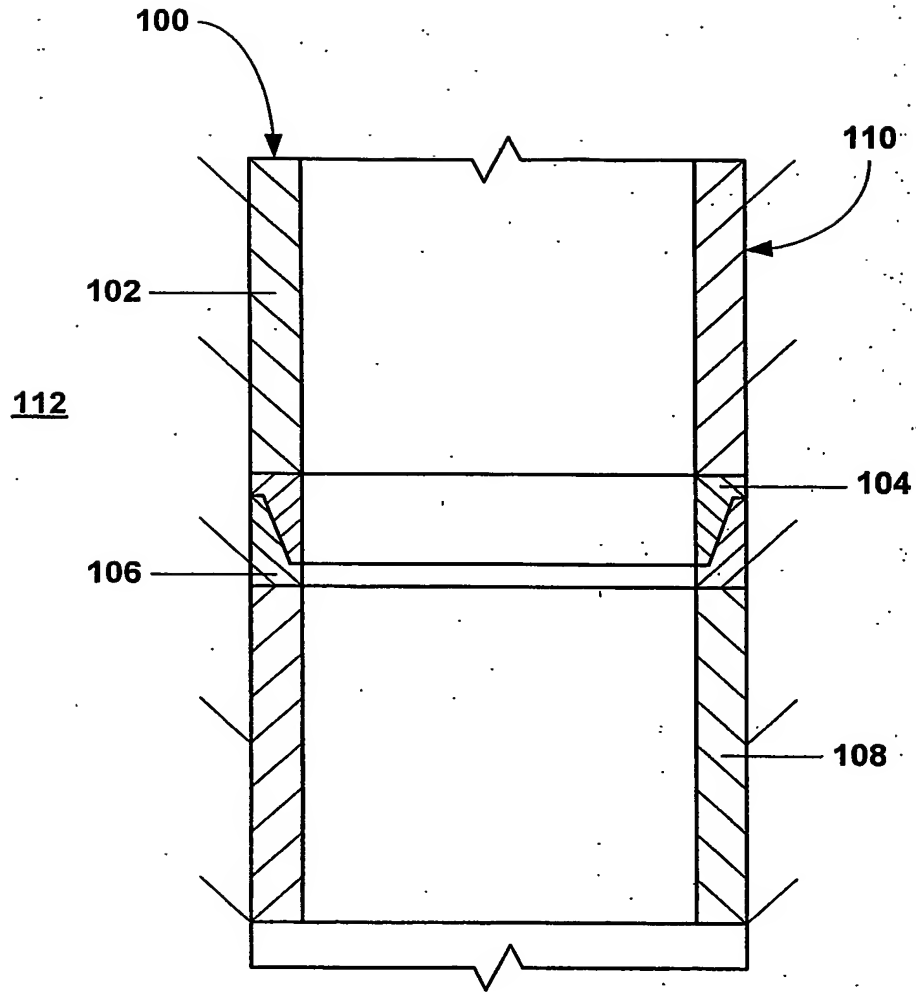


FIG. 11

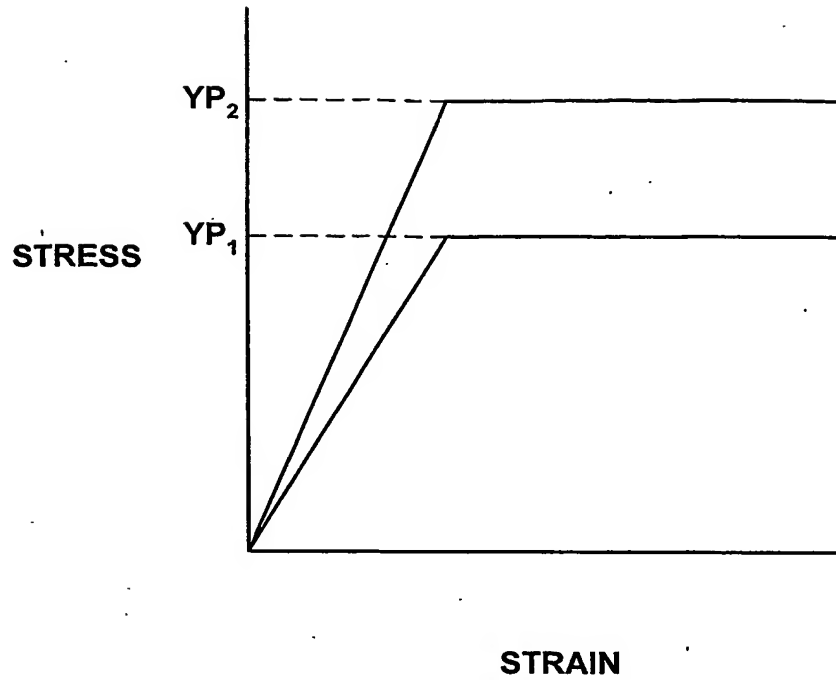


FIG. 12

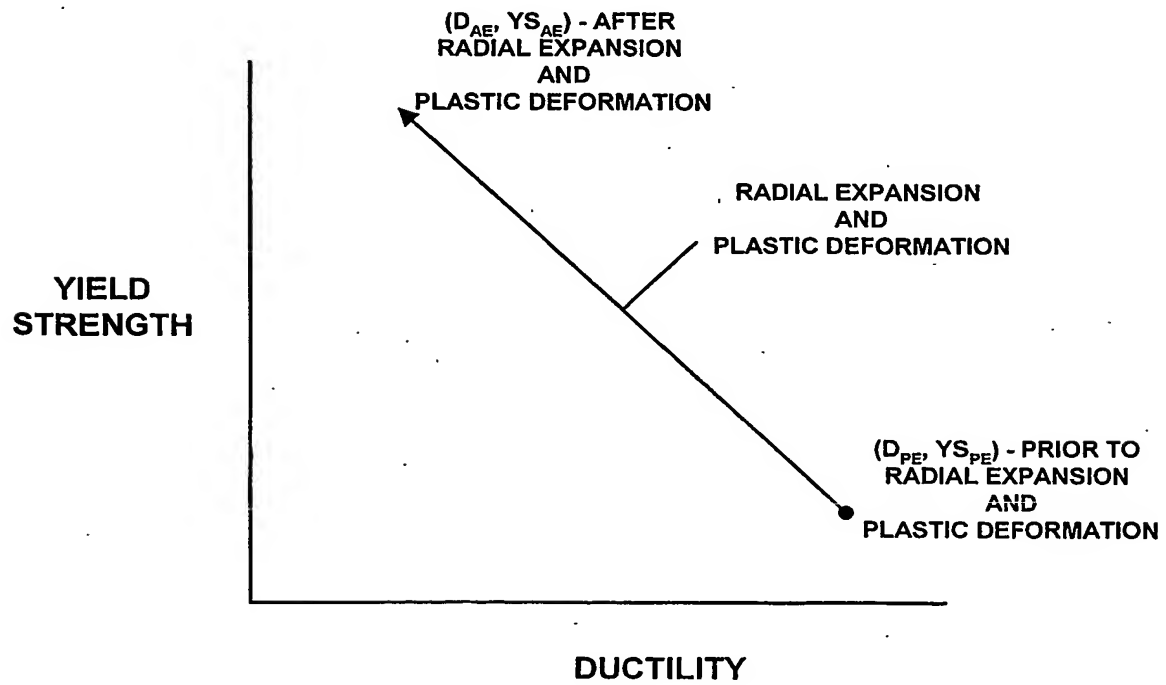


FIG. 13

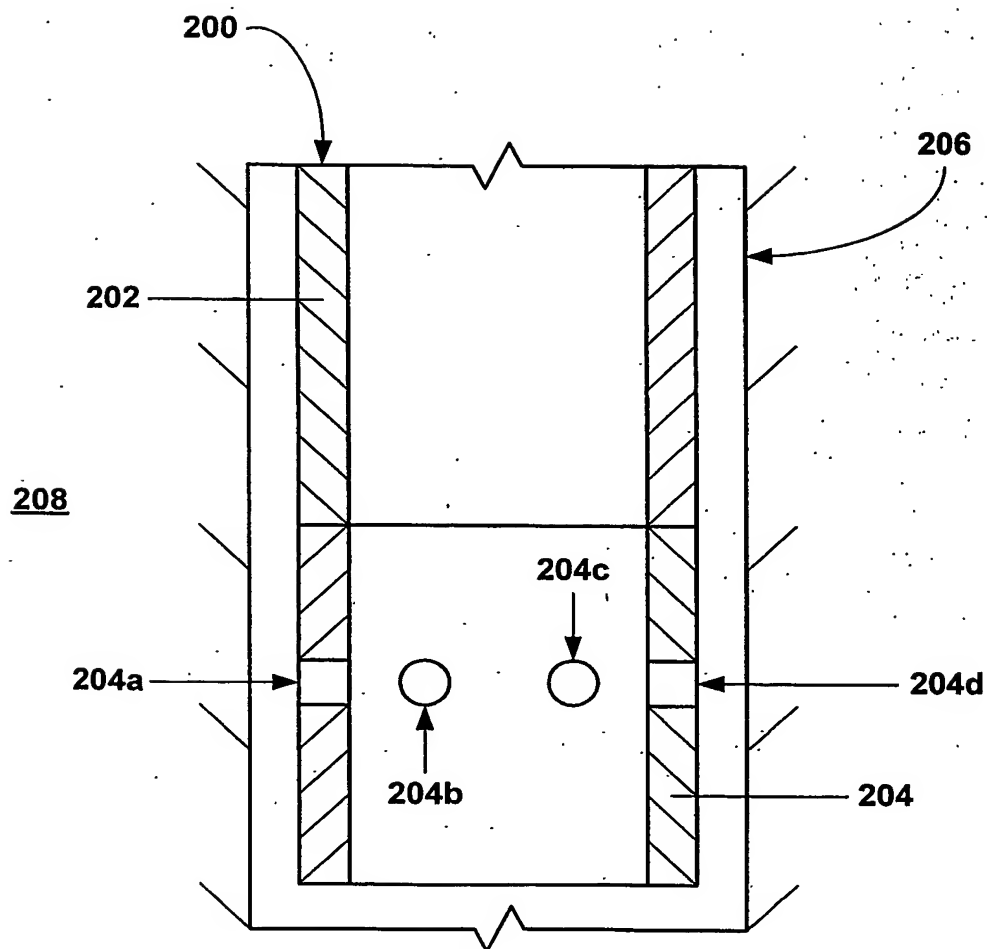


FIG. 14

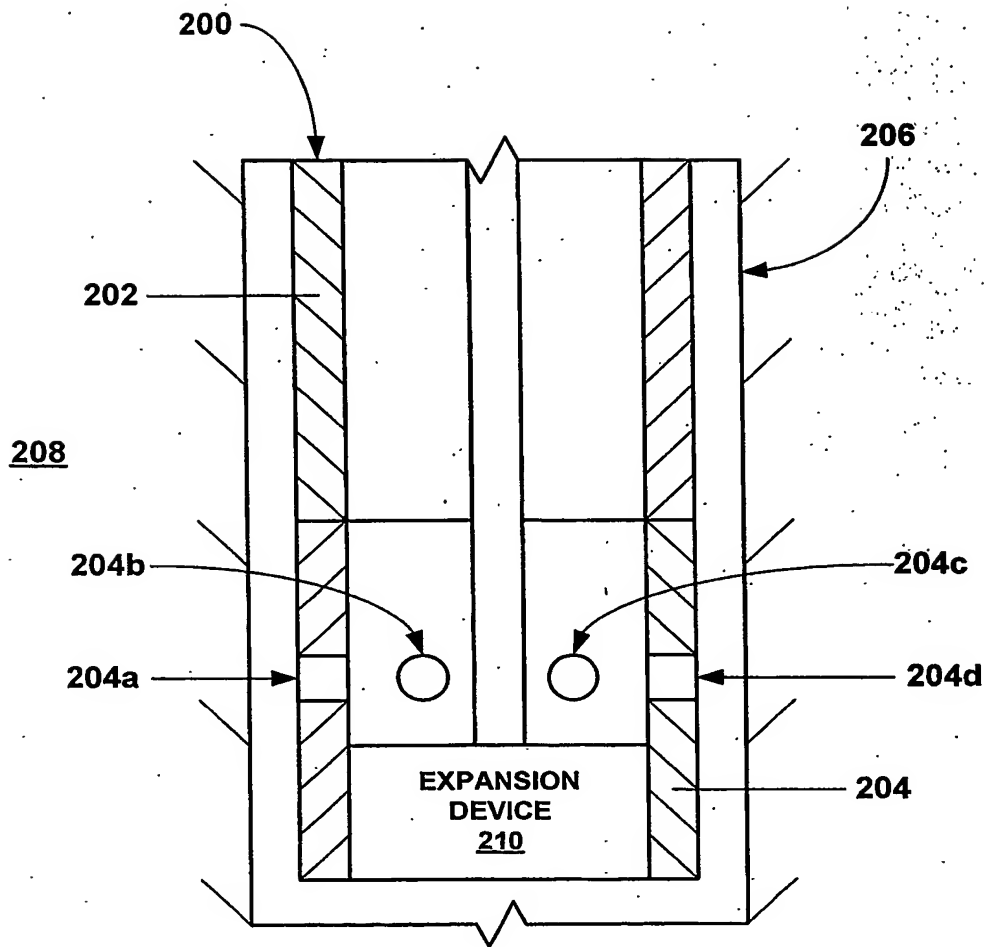


FIG. 15

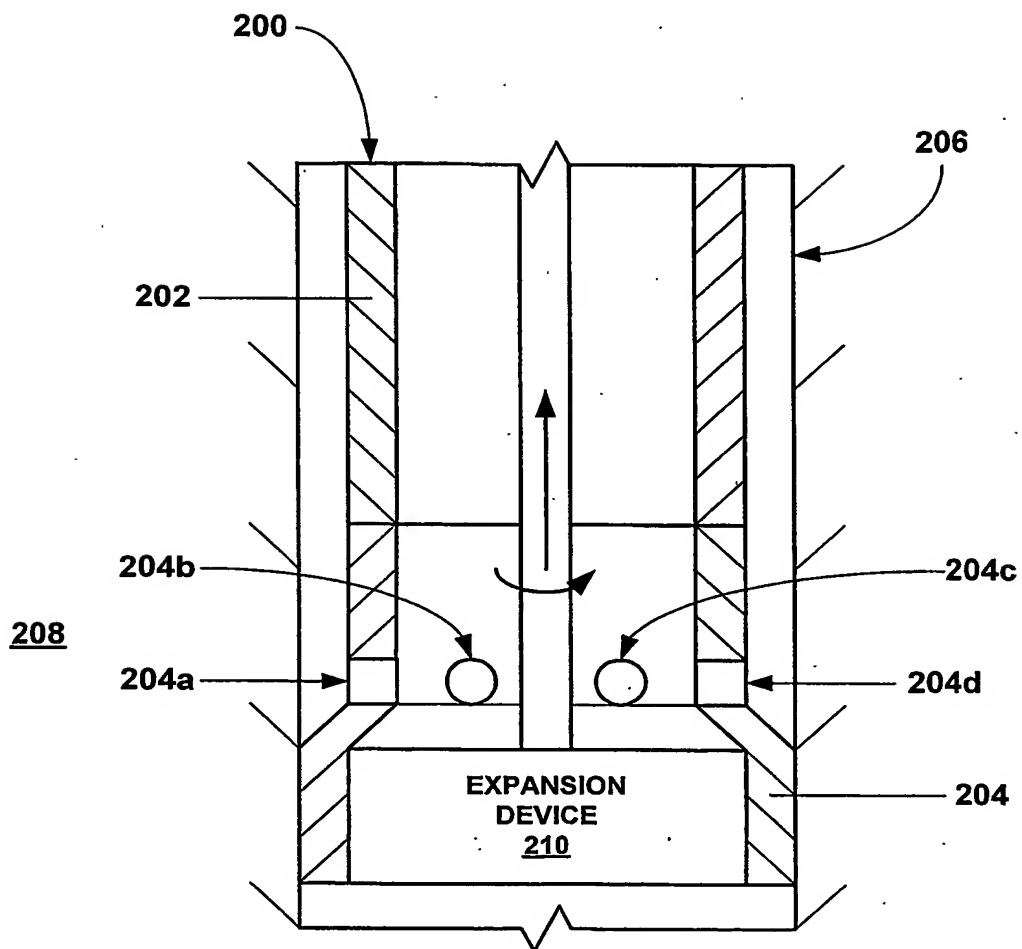


FIG. 16

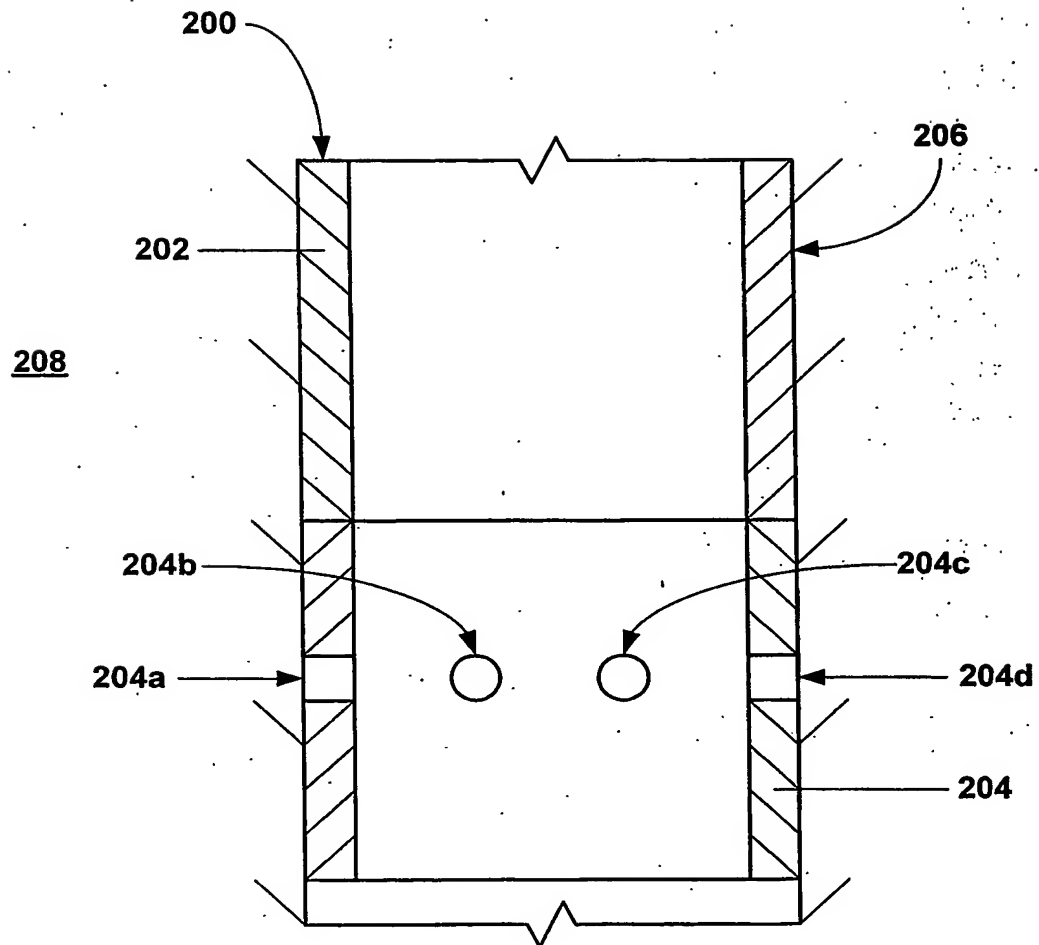


FIG. 17

300

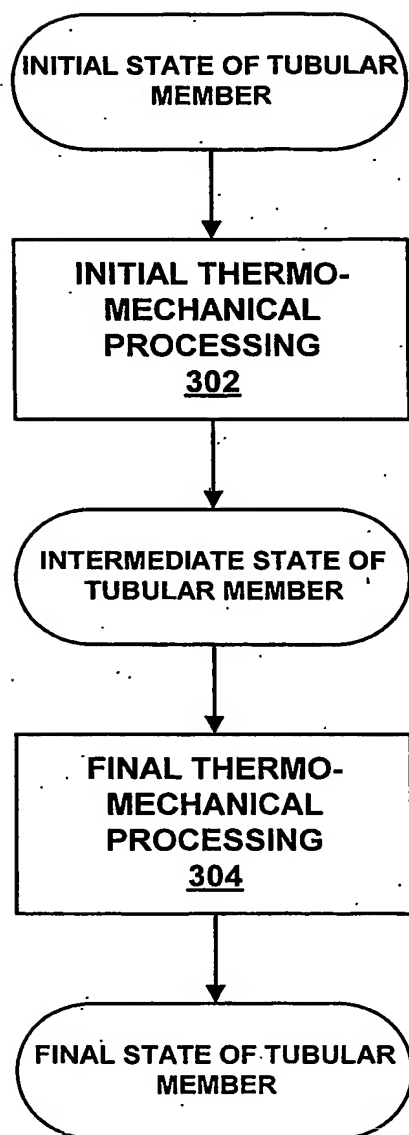


Fig. 18



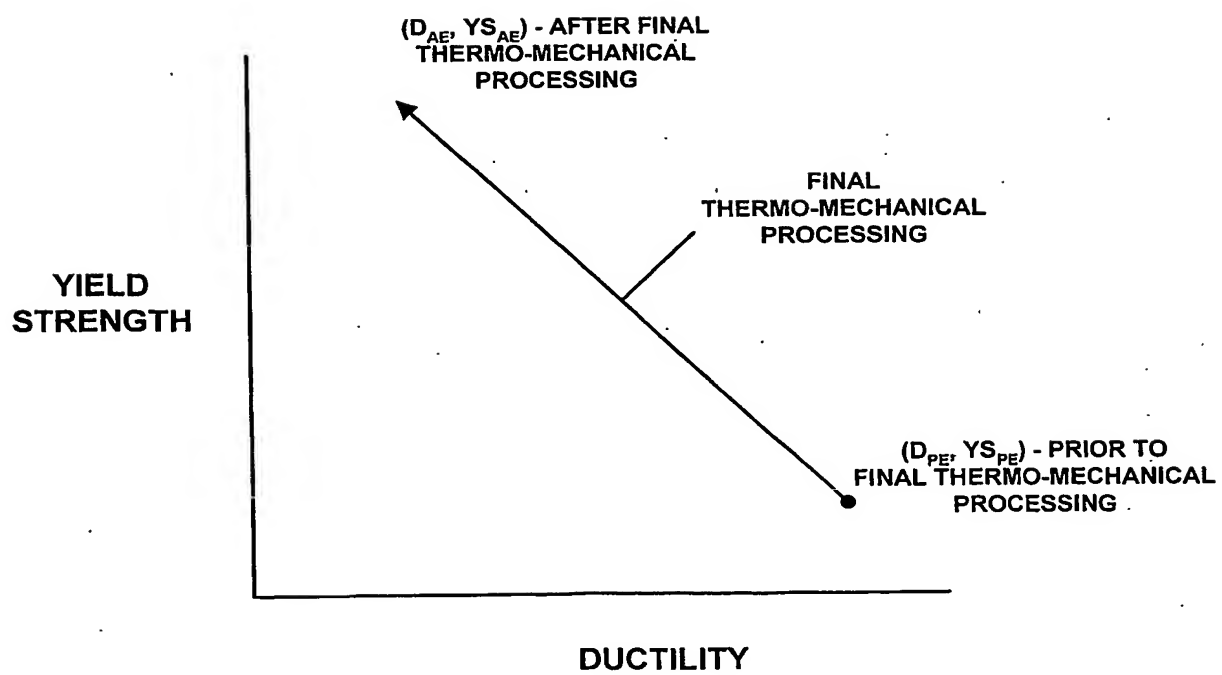


FIG. 19

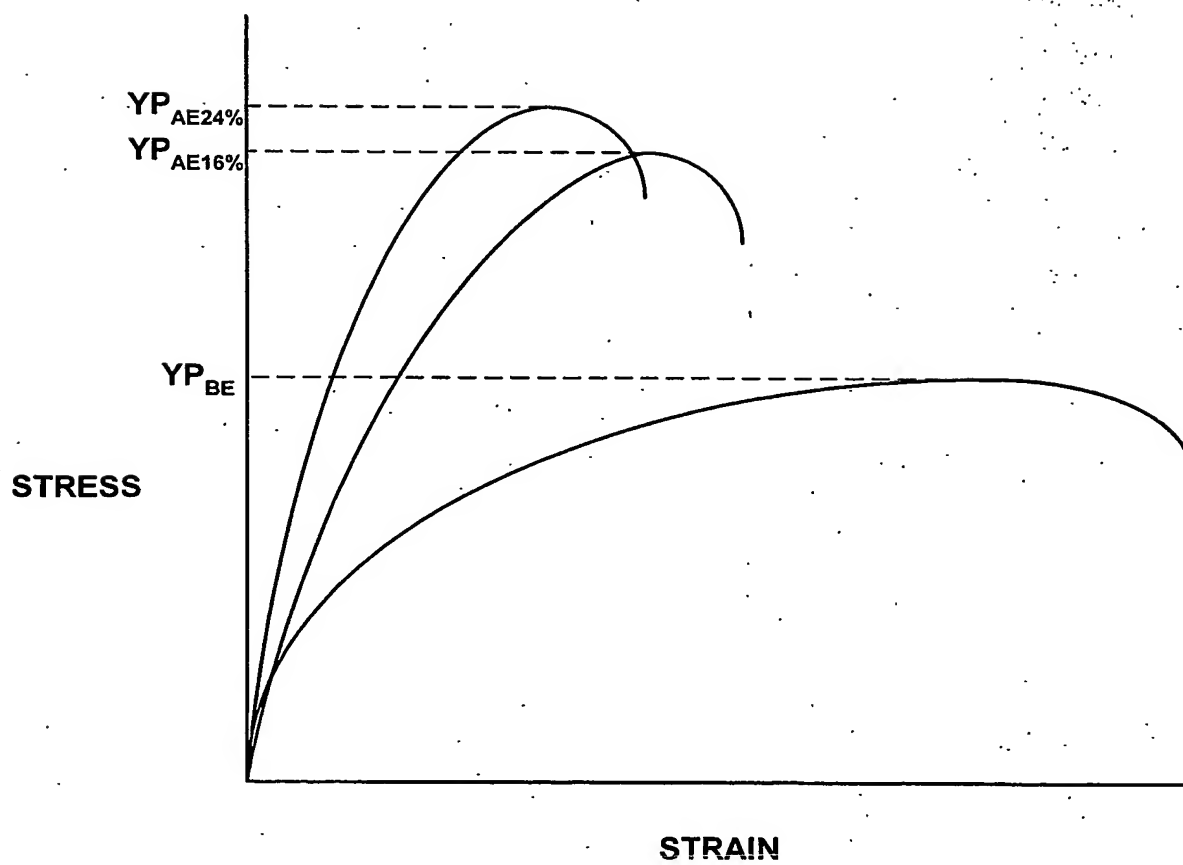


FIG. 20

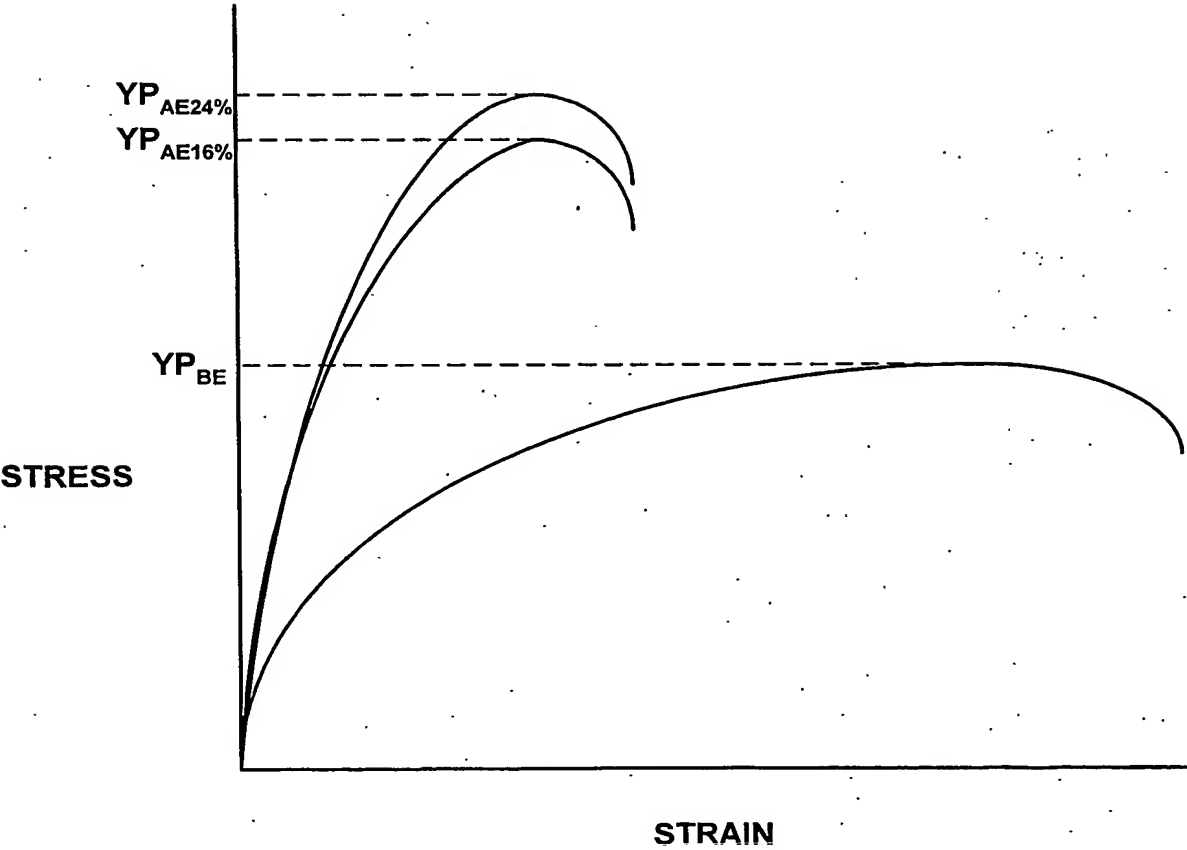


FIG. 21

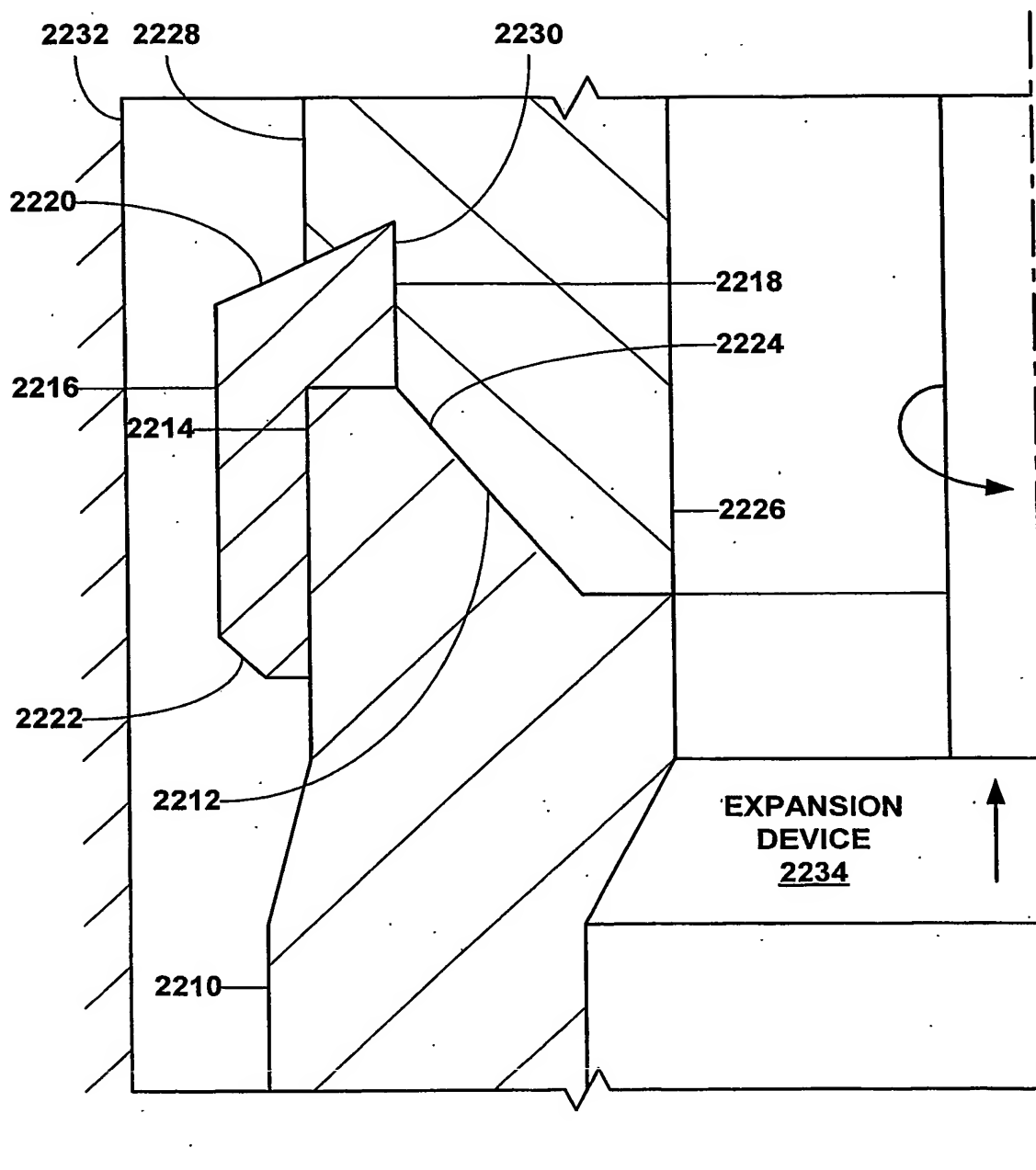


FIG. 22

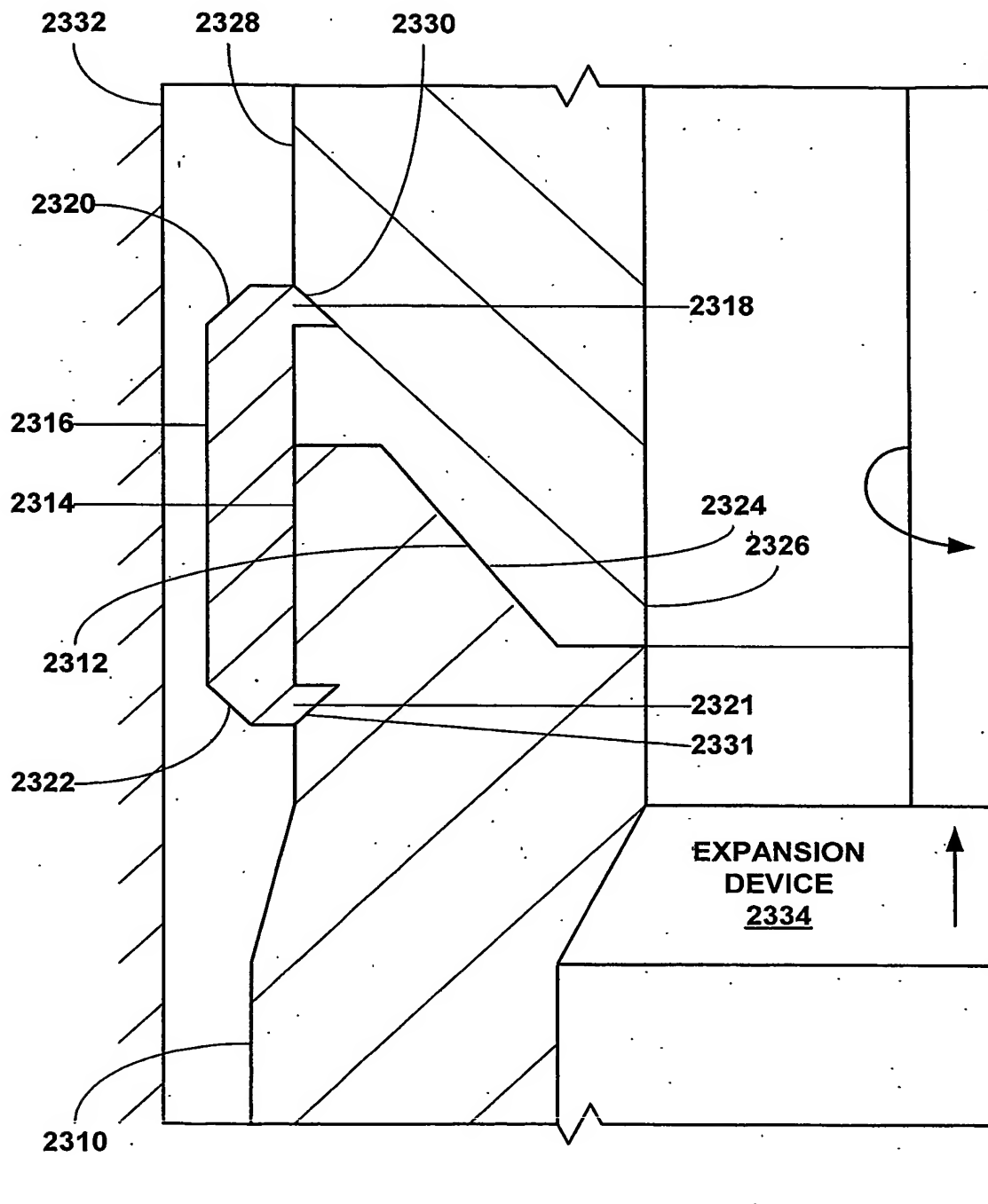


FIG. 23

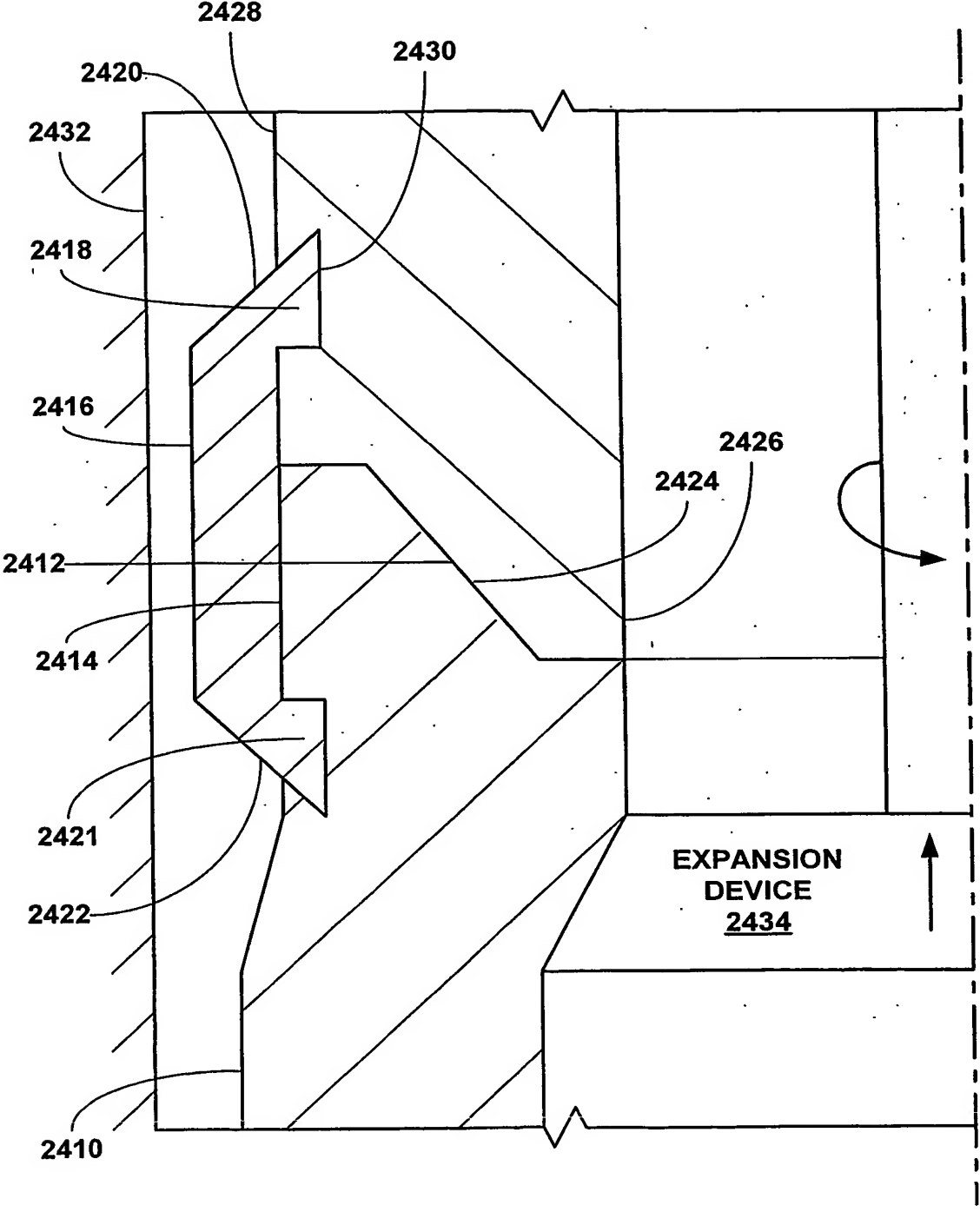


FIG. 24

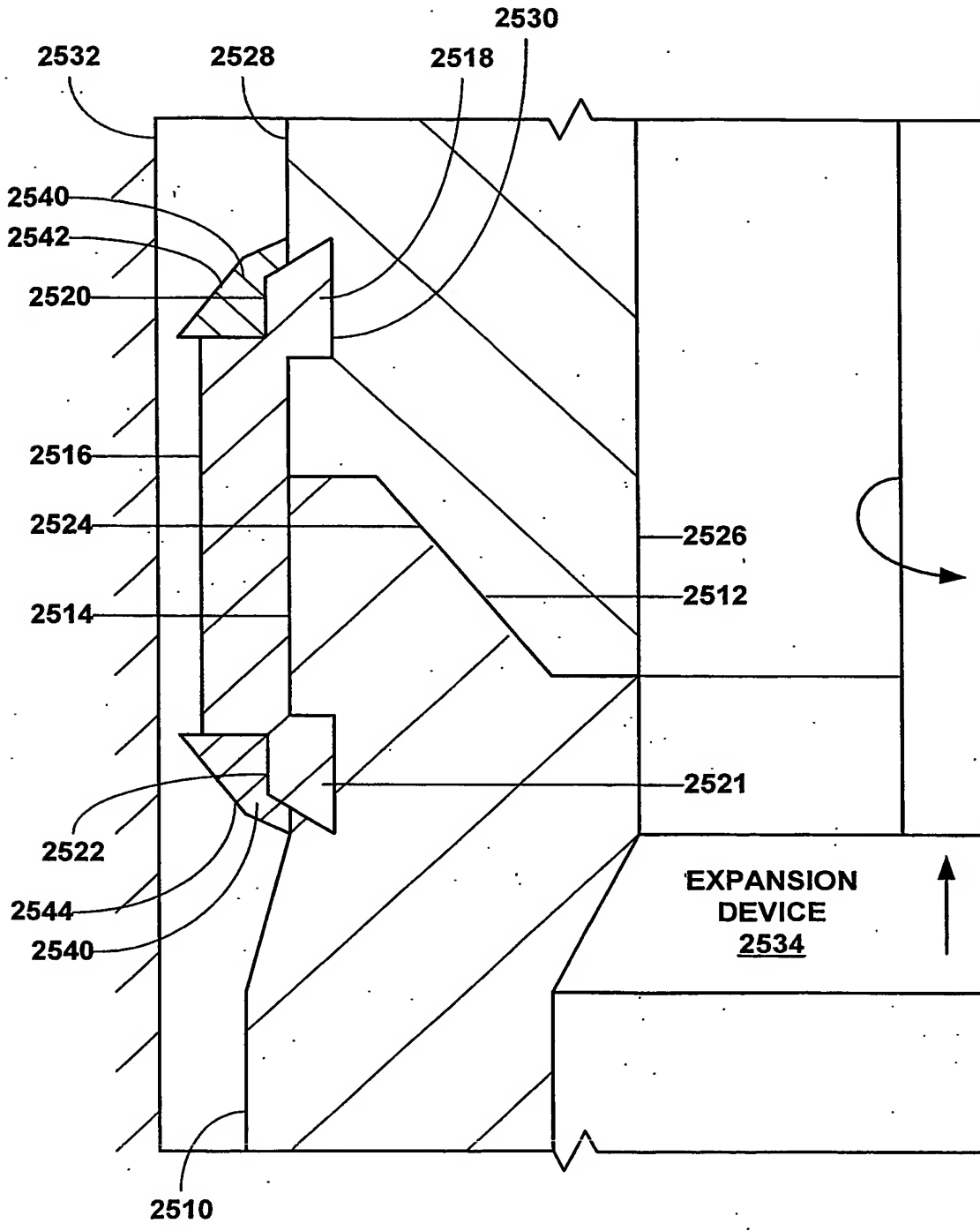


FIG. 25

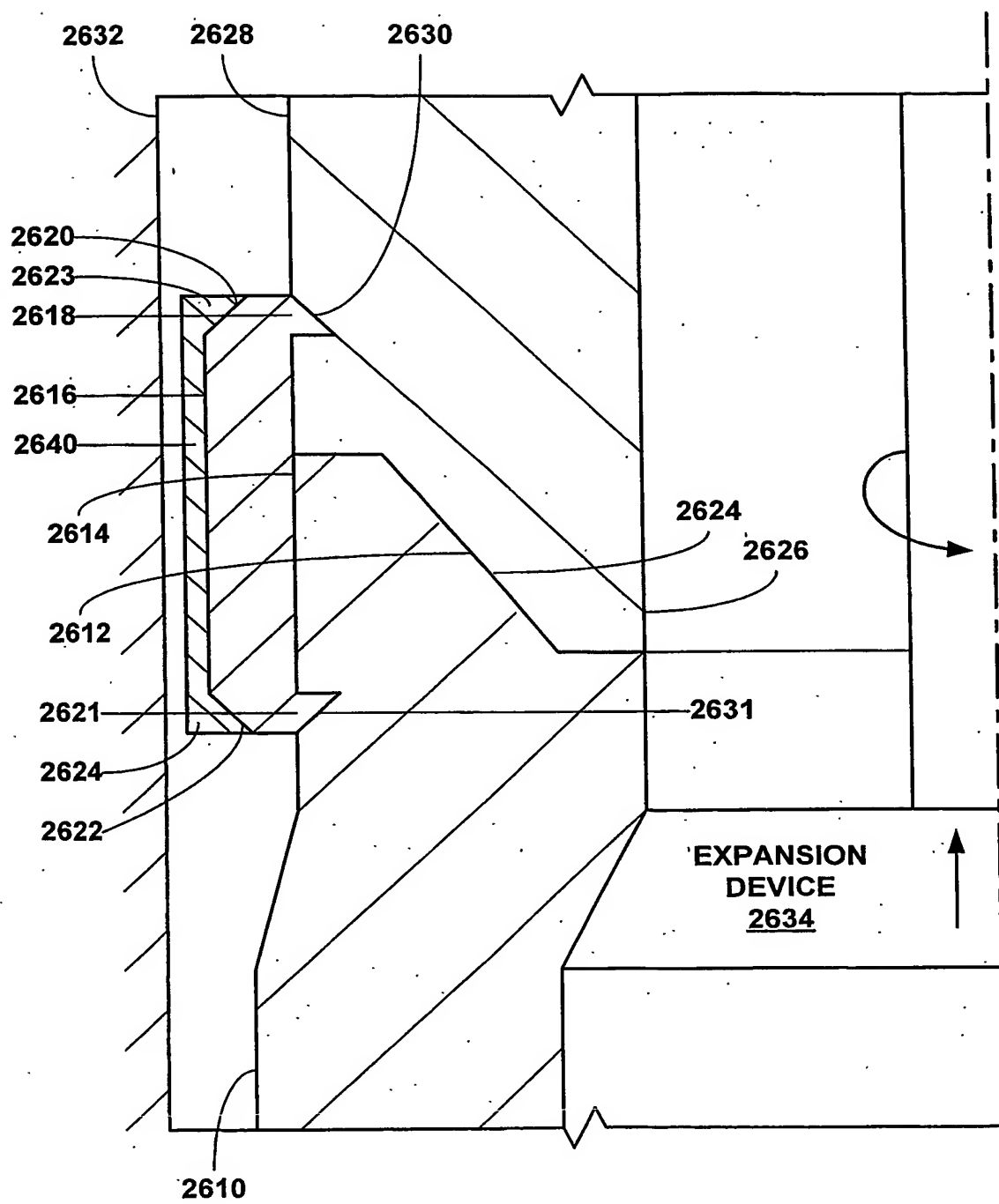


FIG. 26



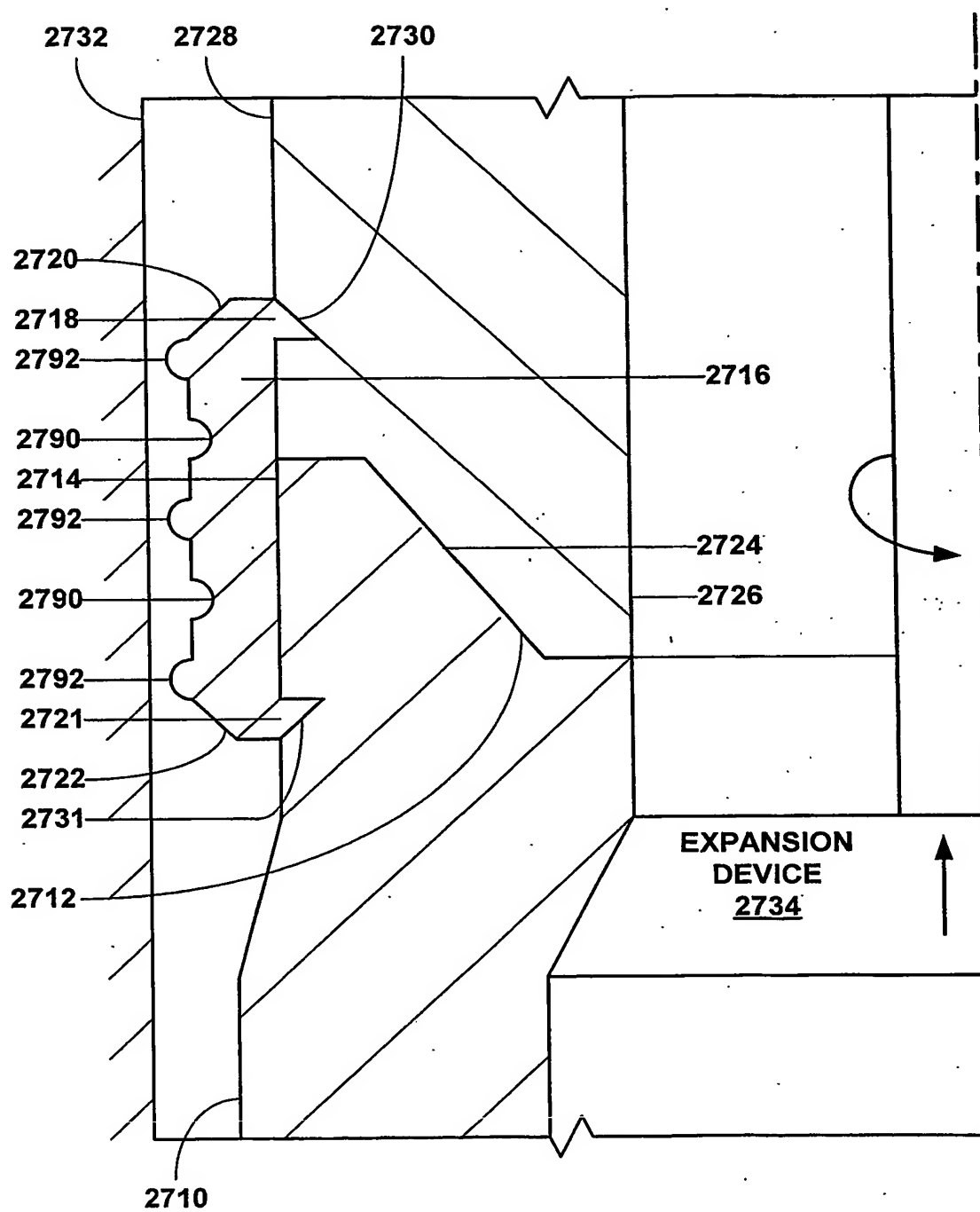


FIG. 27

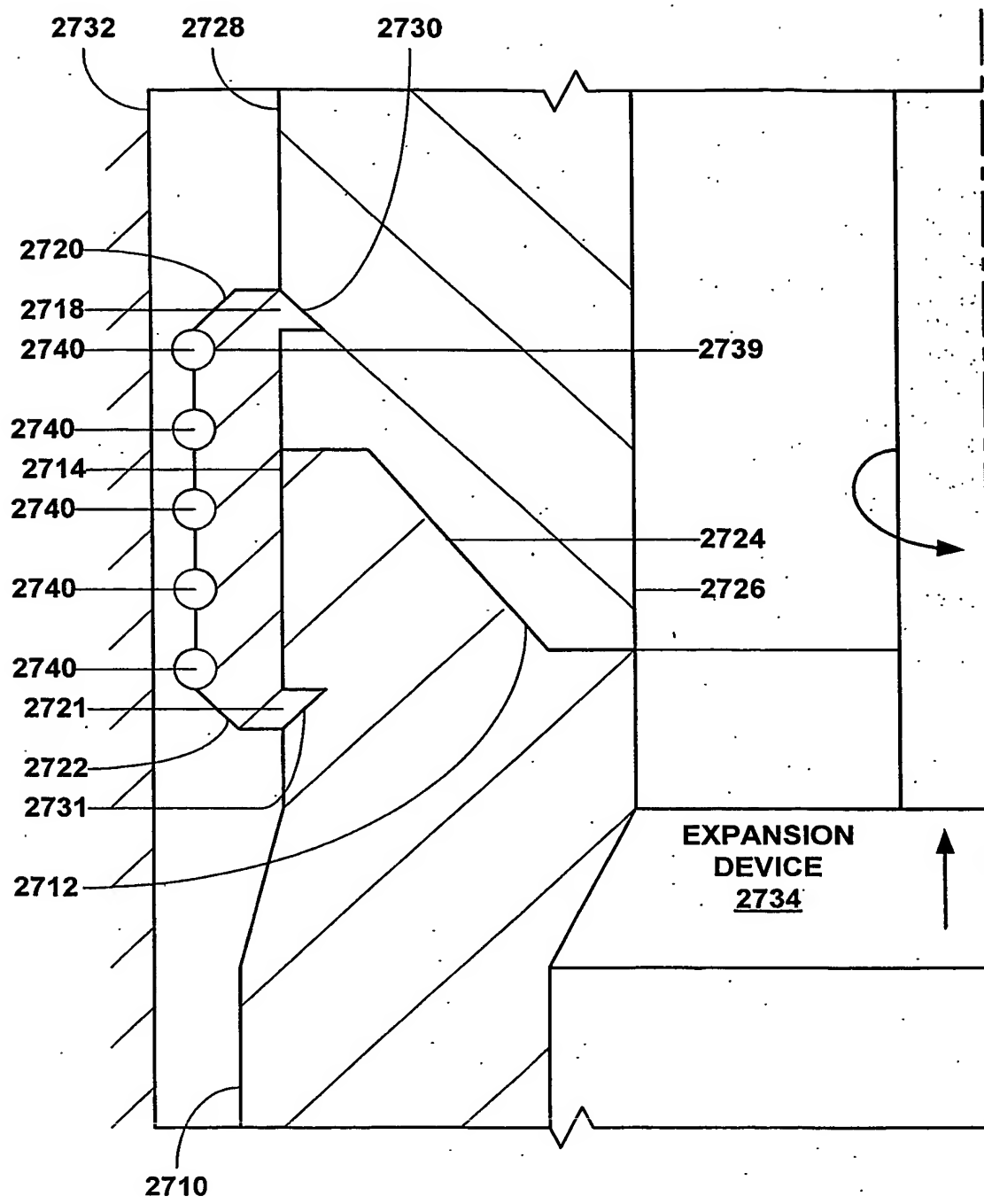


FIG. 28

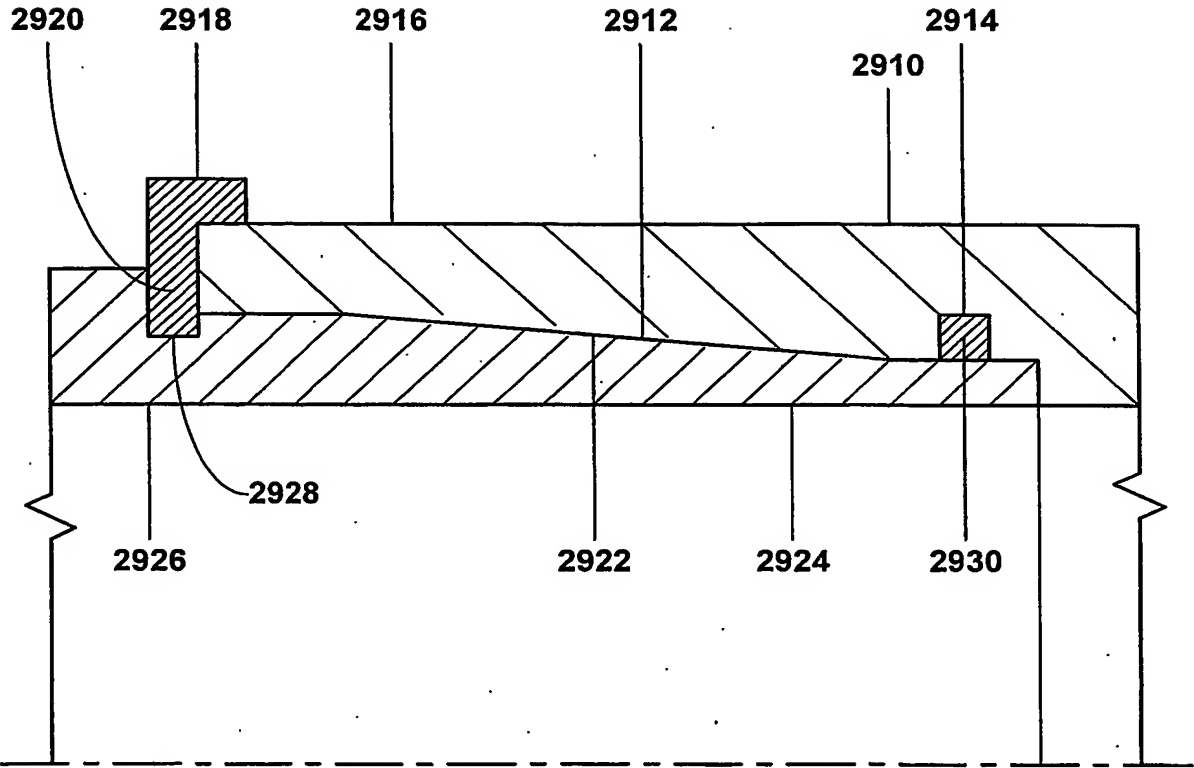


FIG. 29

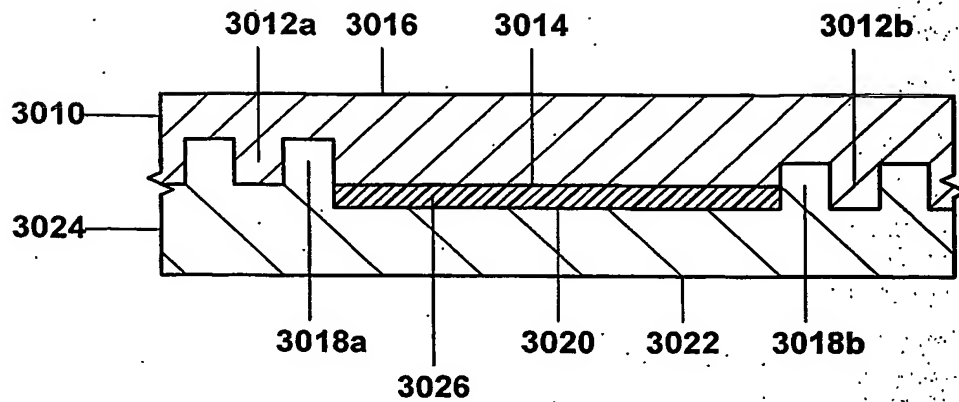


FIG. 30a

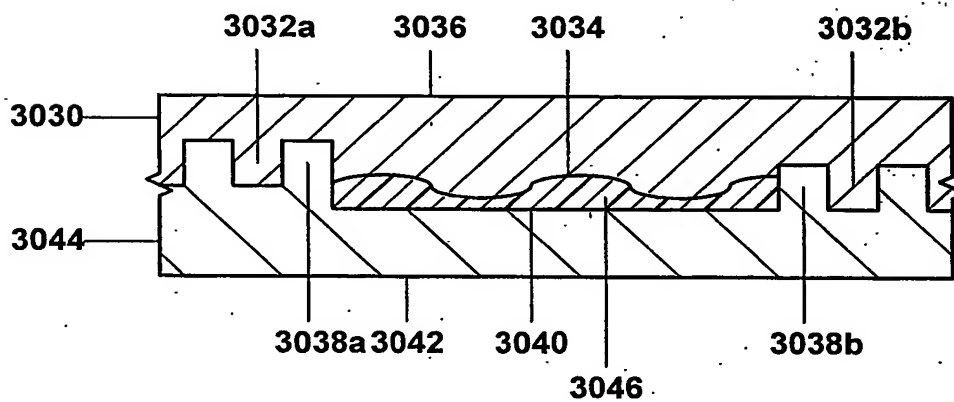


FIG. 30b

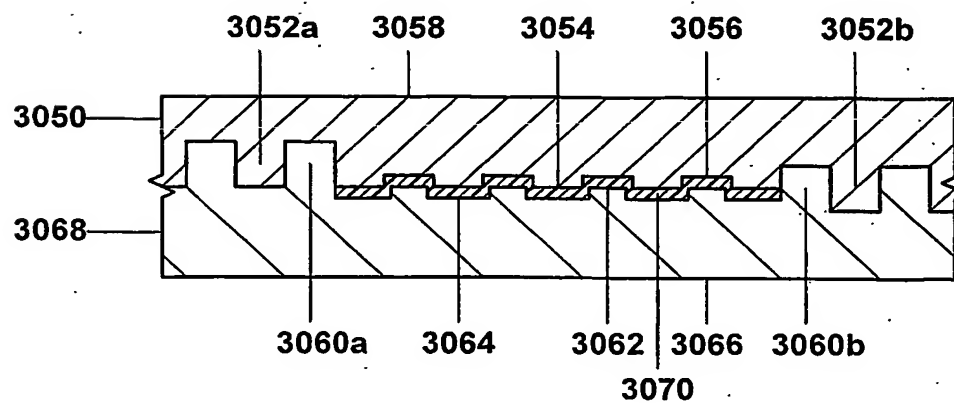


FIG. 30c

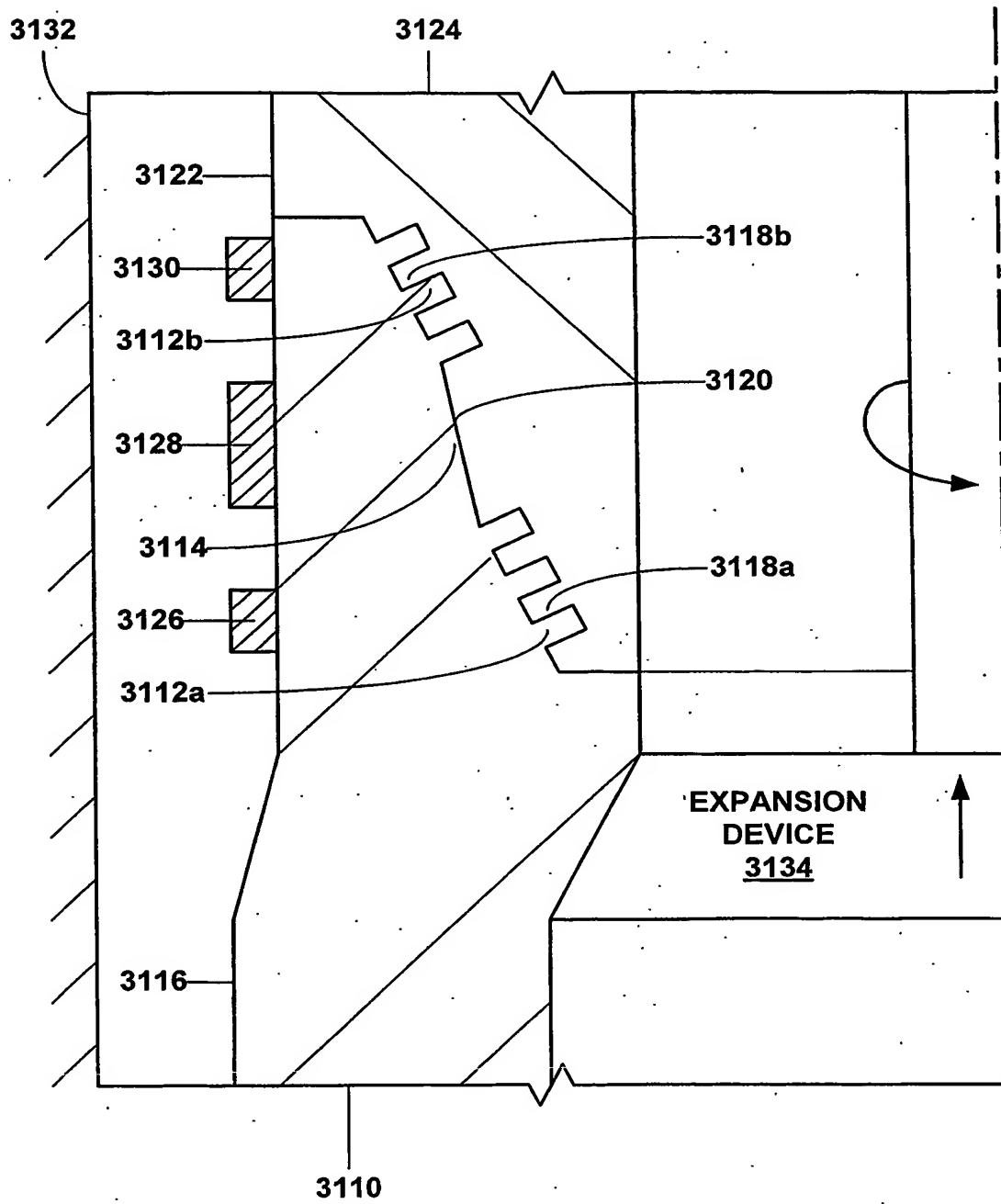


FIG. 31

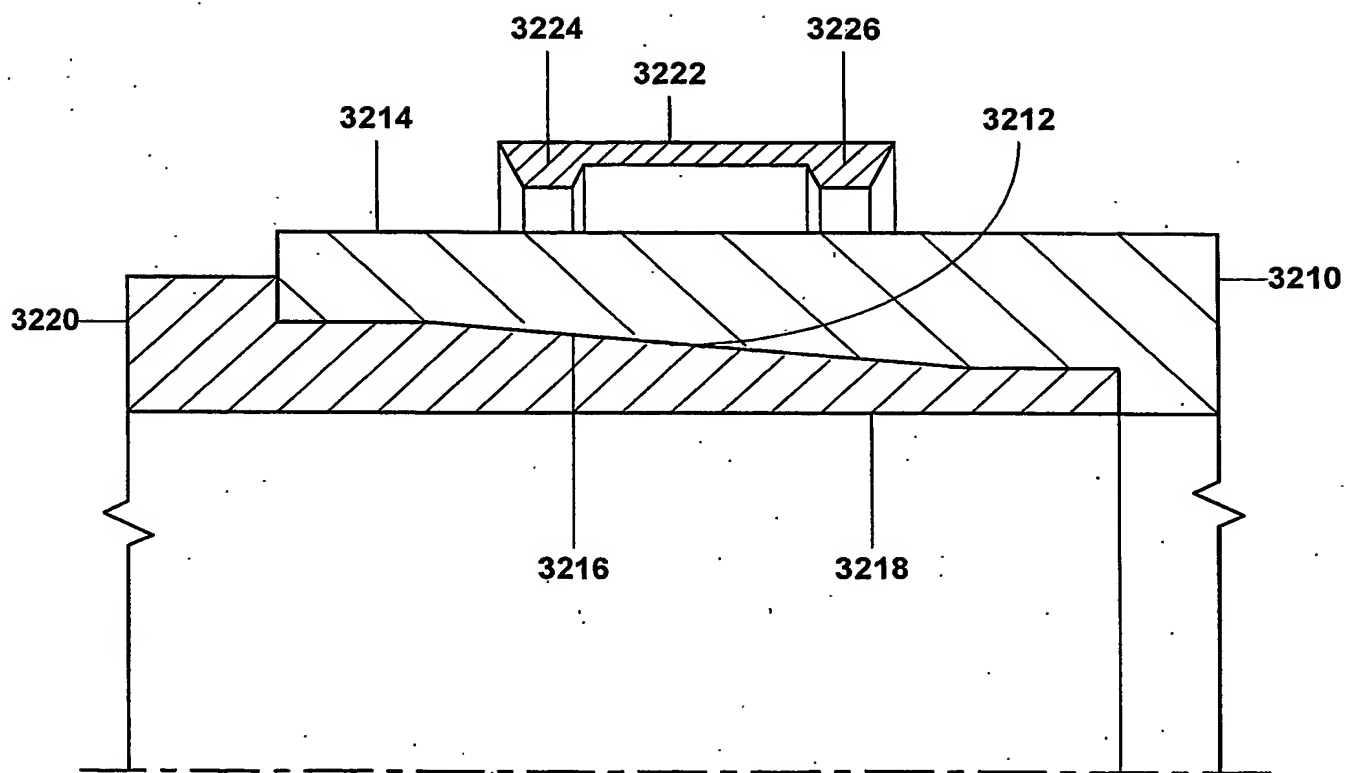


FIG. 32a

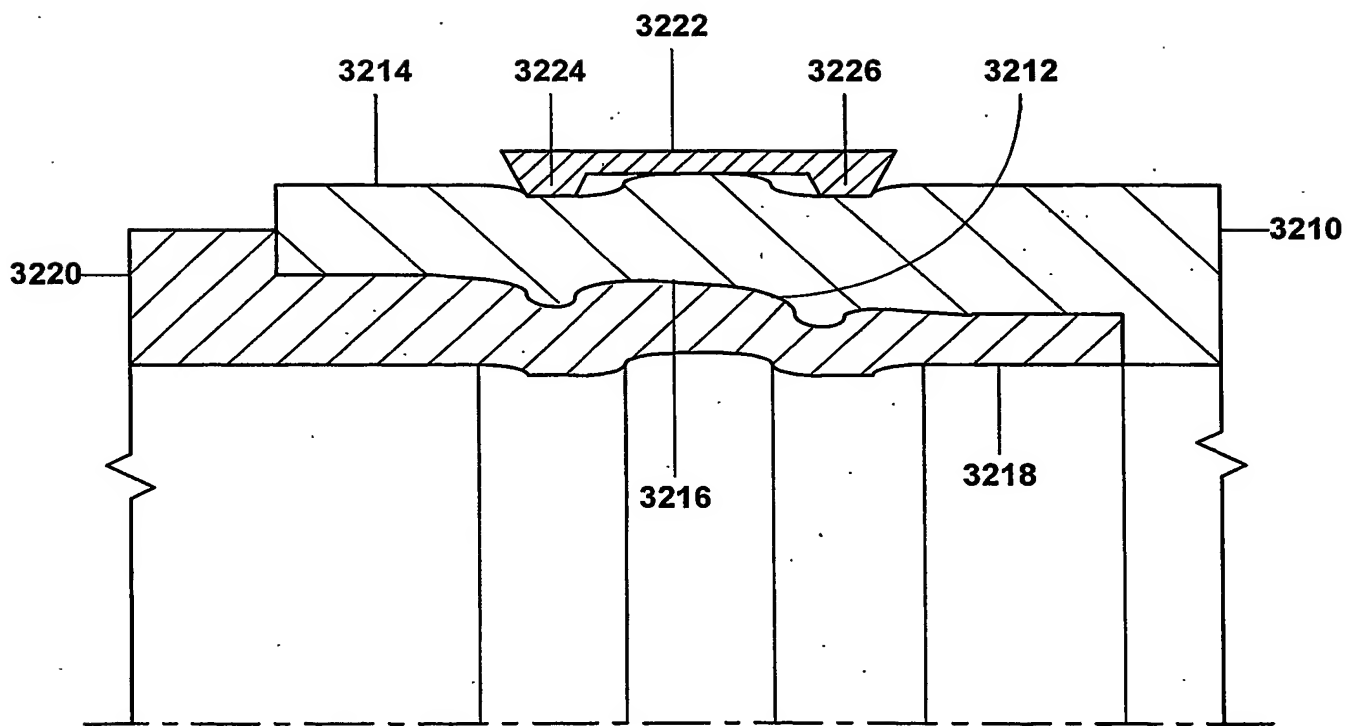


FIG. 32b

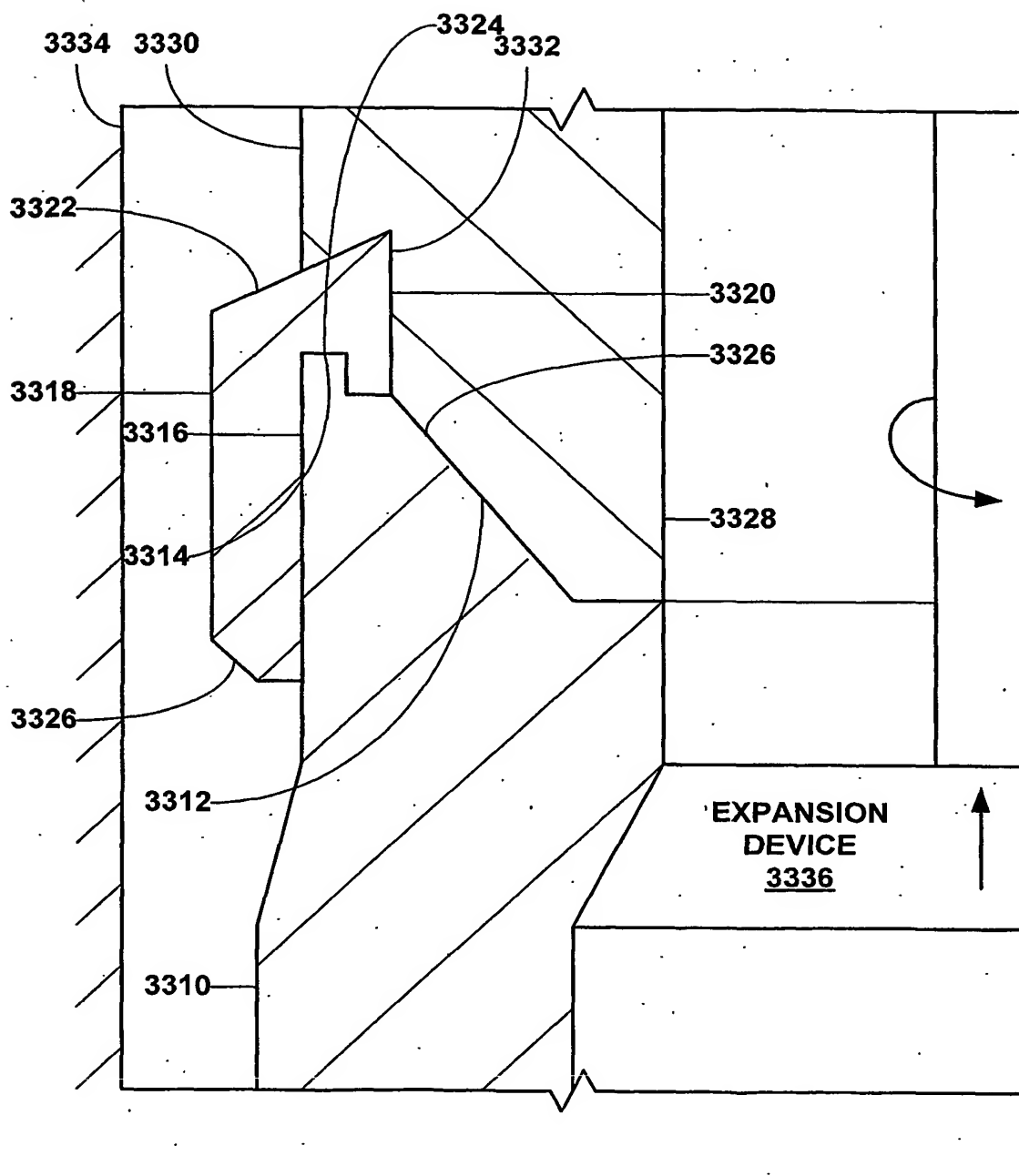


FIG. 33



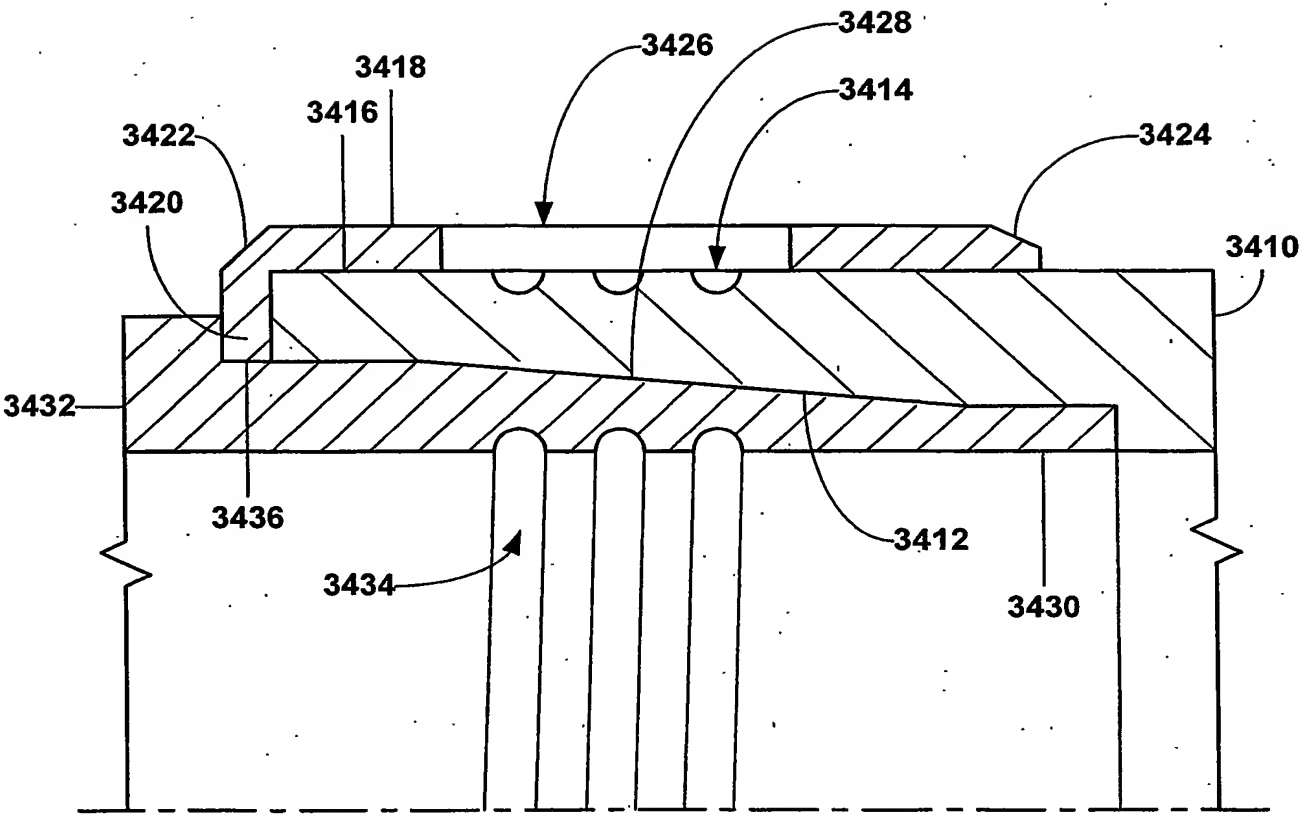


FIG. 34a

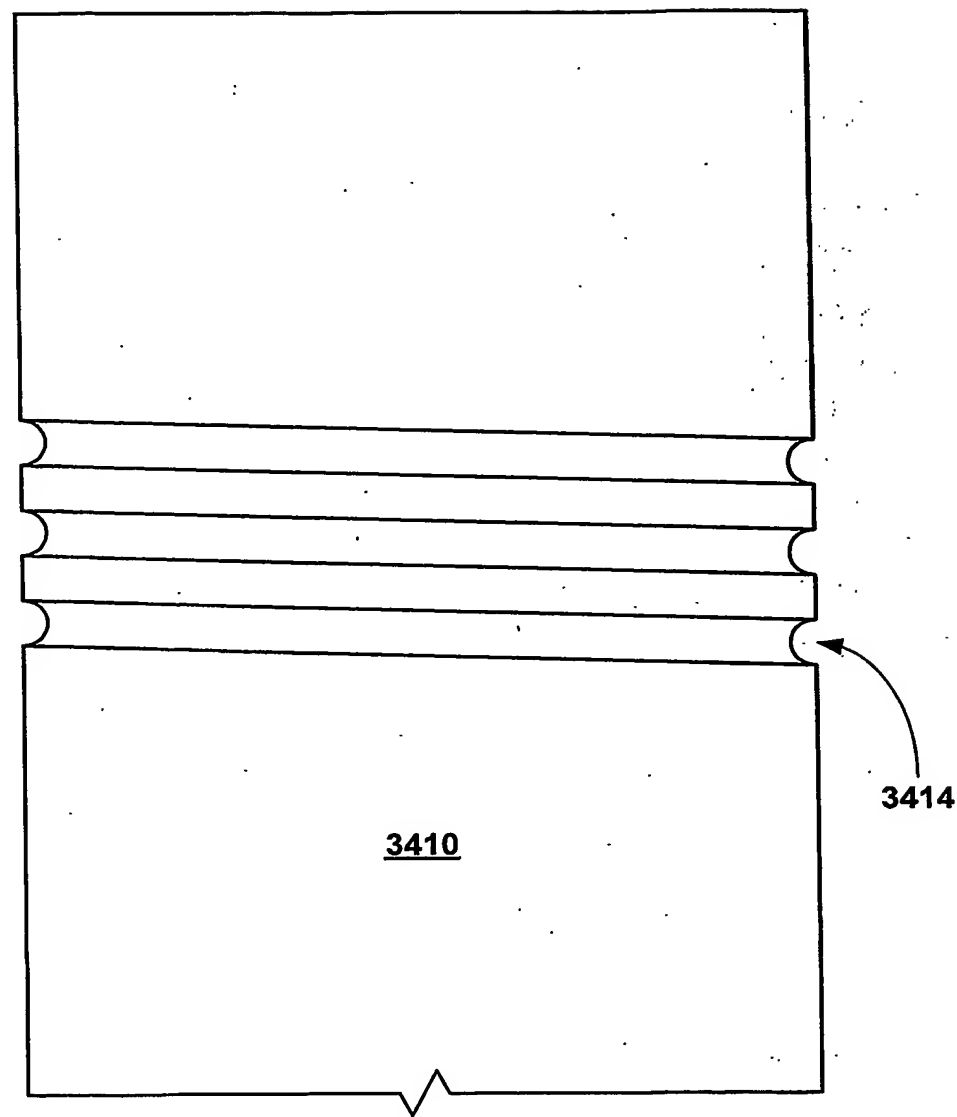


Fig. 34b

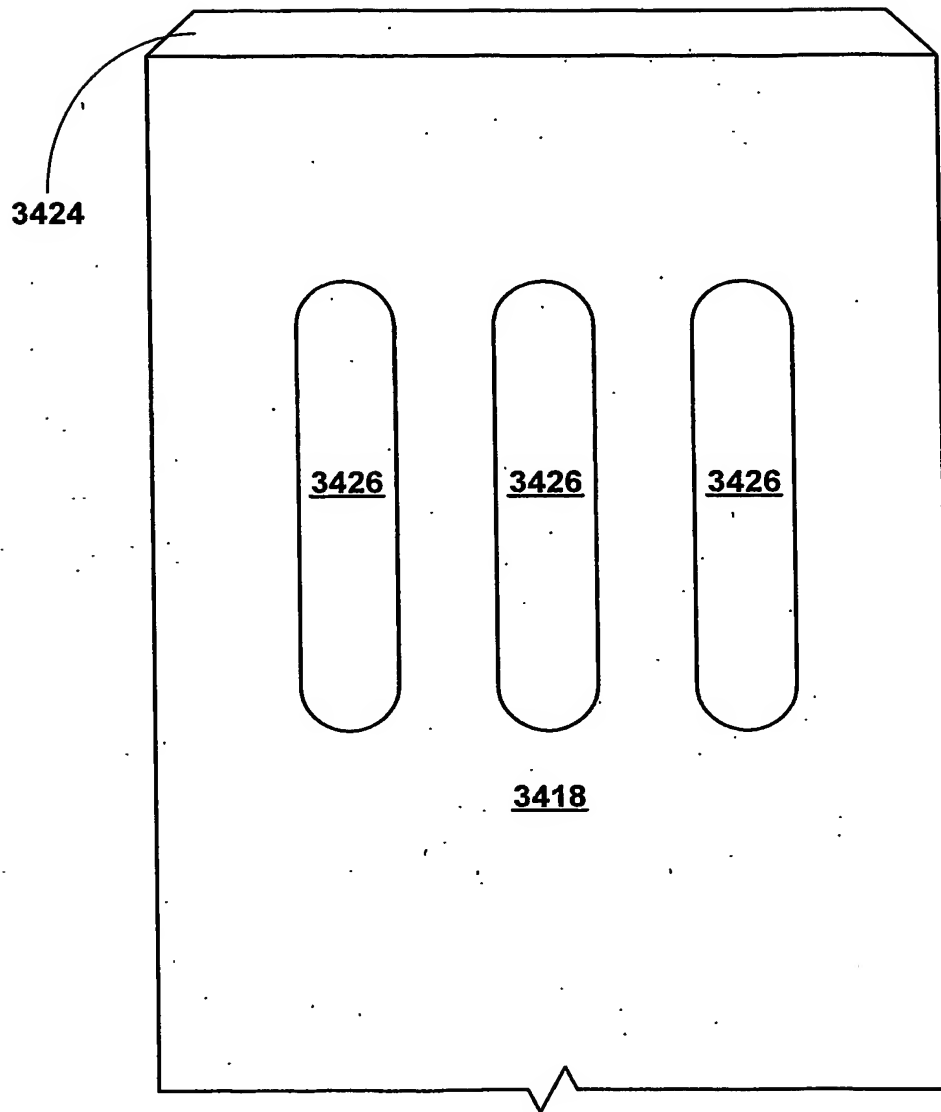


Fig. 34c

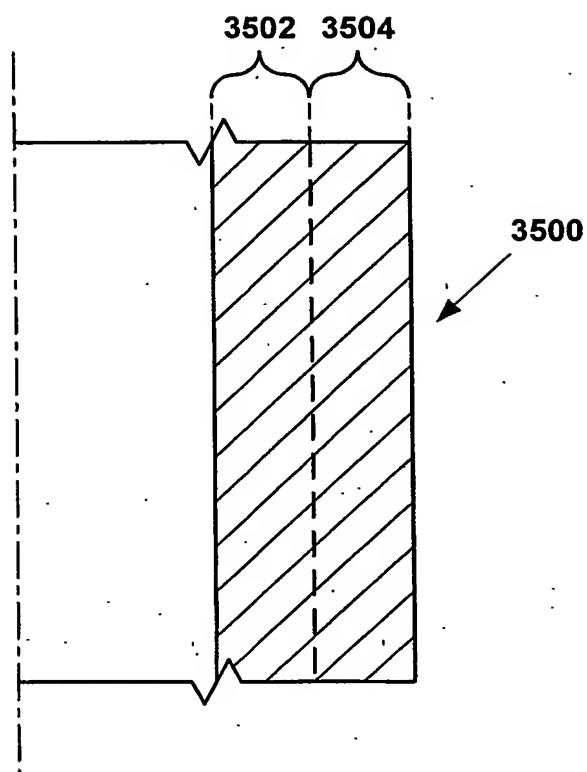


FIG. 35a

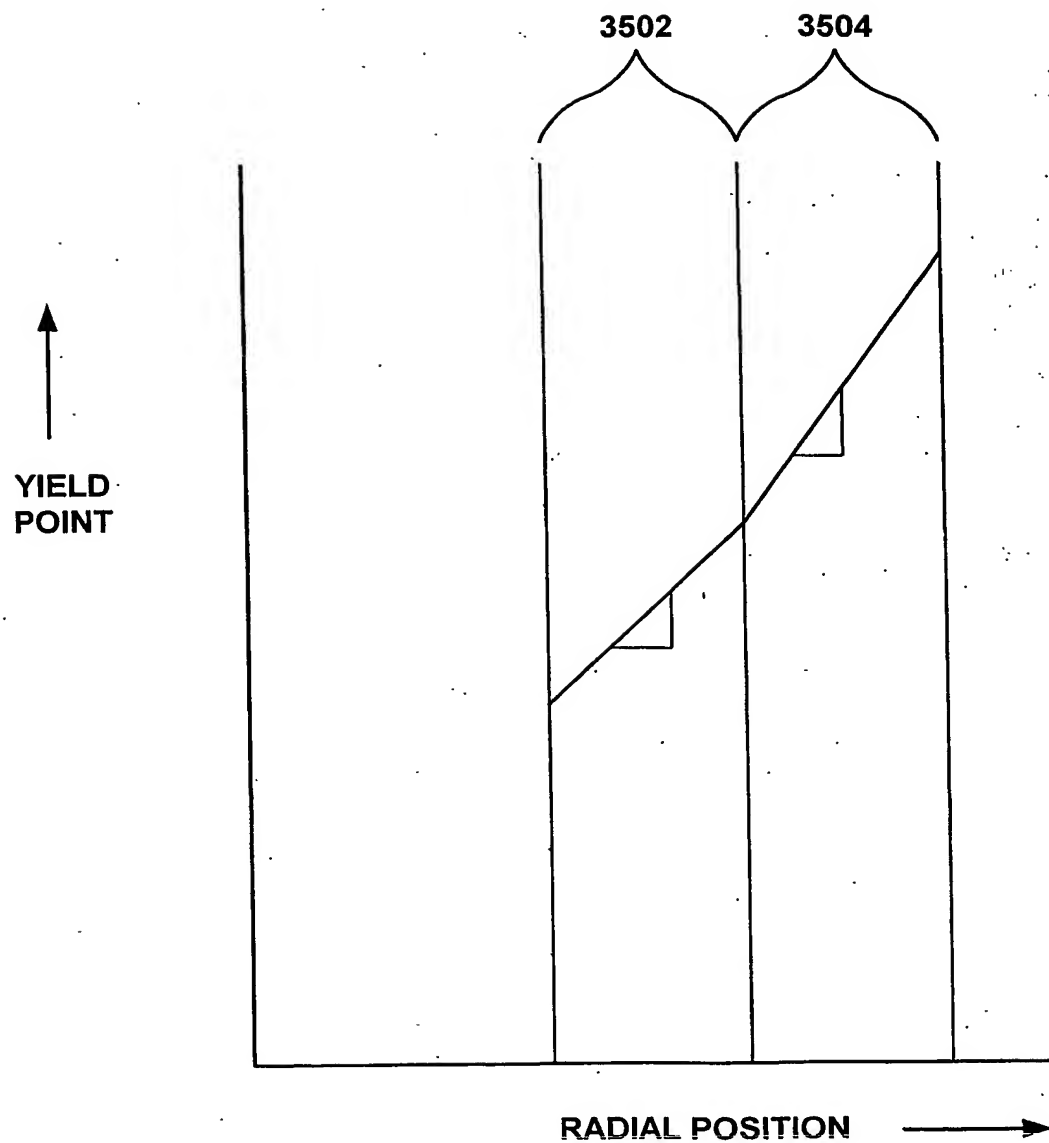


FIG. 35b

3600

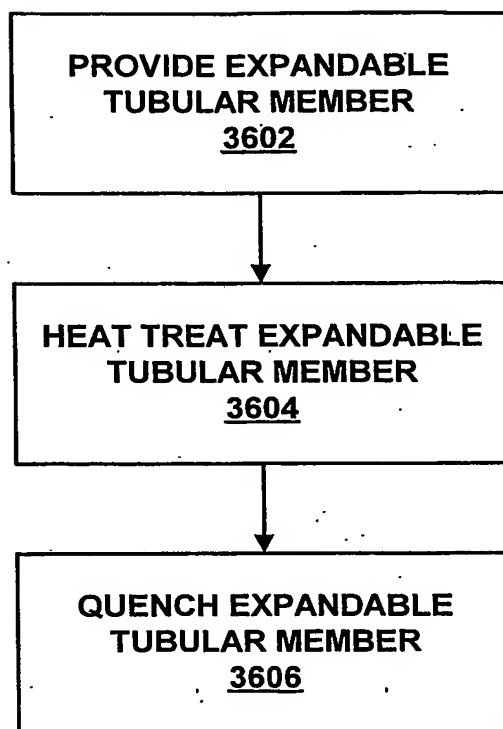
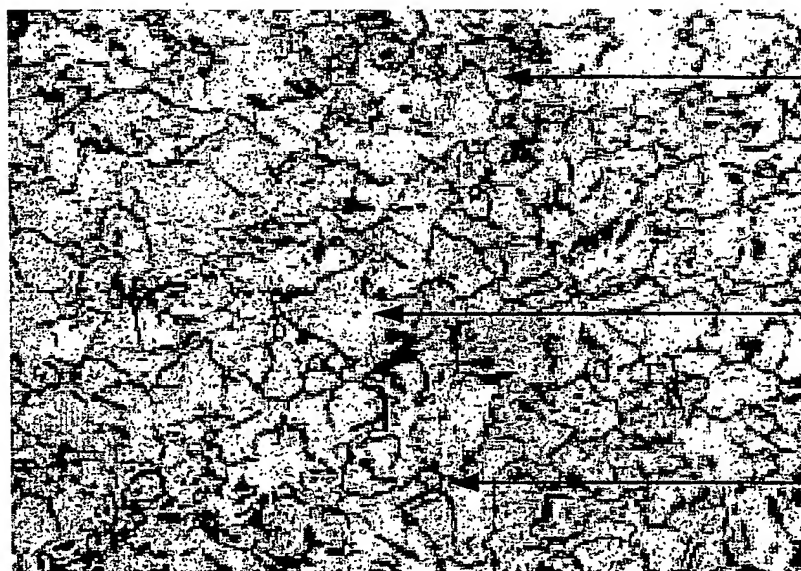


FIG. 36a

3602a



MARTENSITE

PEARLITE

V, Ni, Ti  
CARBIDES

Fig. 36b

3602a

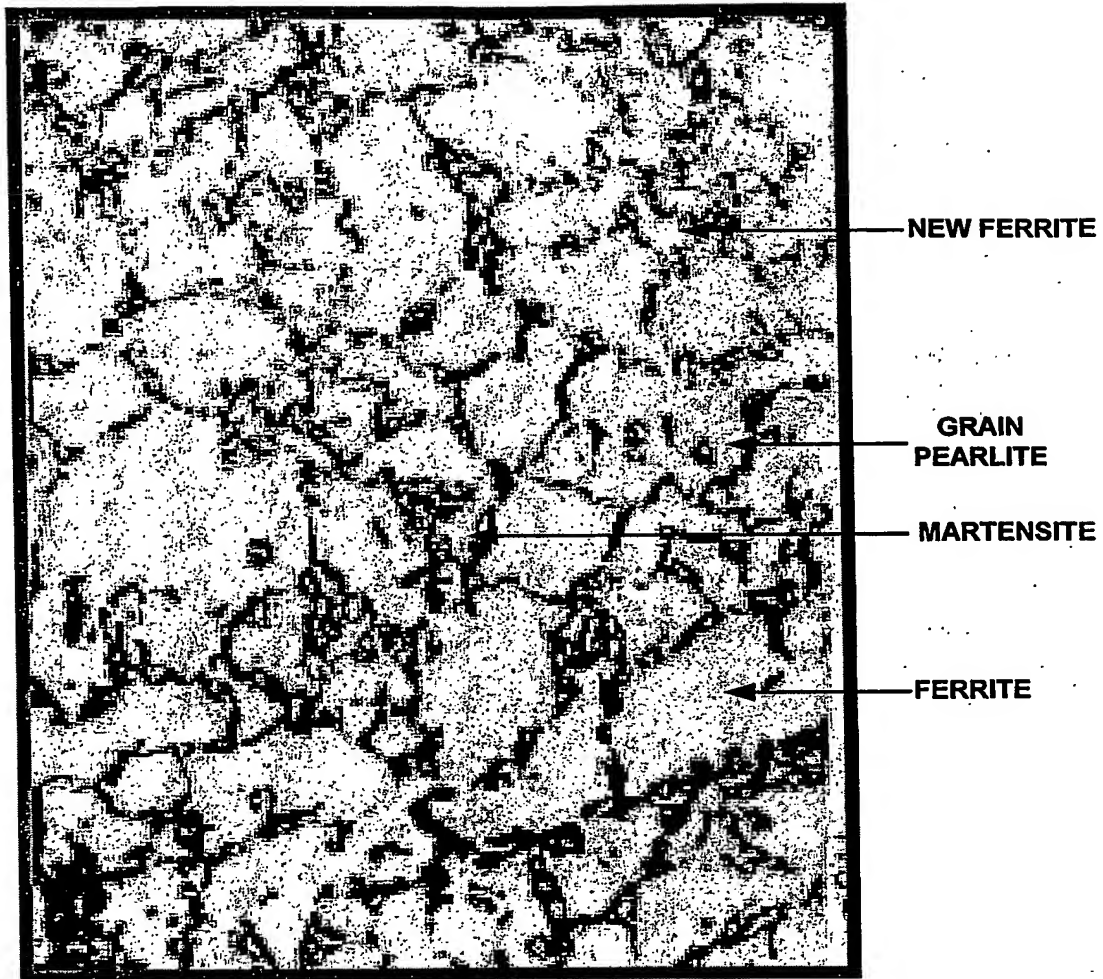


Fig. 36c



3700

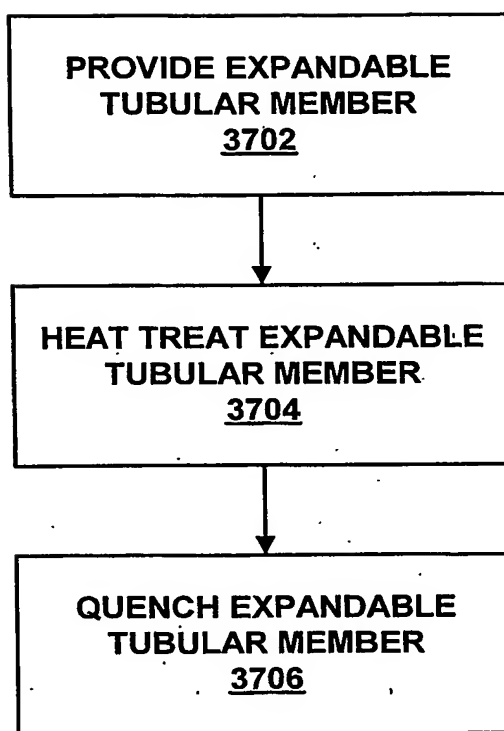
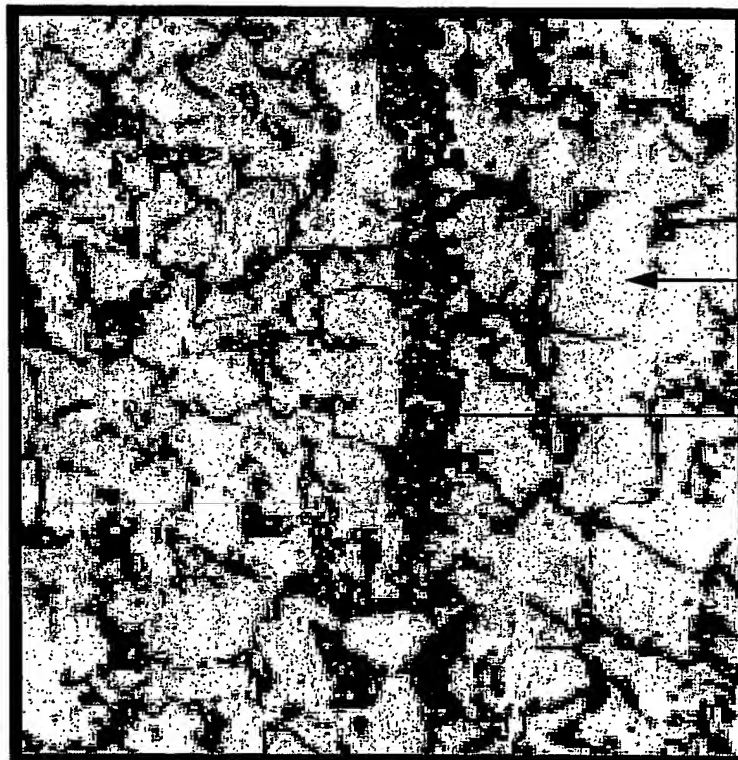


FIG. 37a

3702a



PEARLITE

PEARLITE  
STRIATION

Fig. 37b

3702a

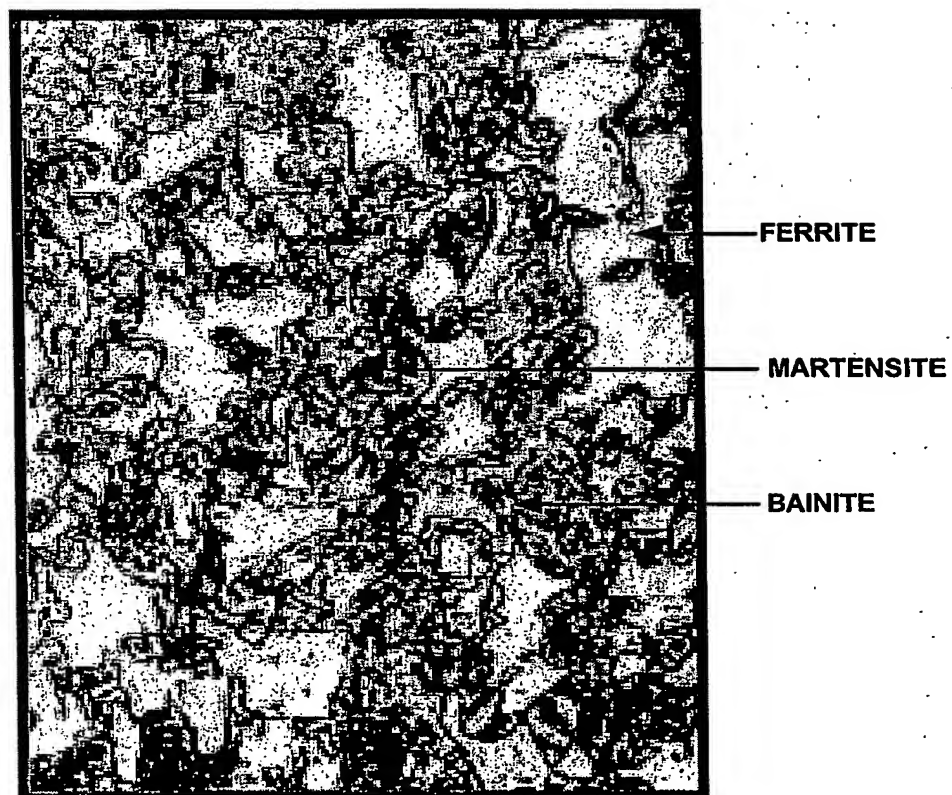


Fig. 37c

3800

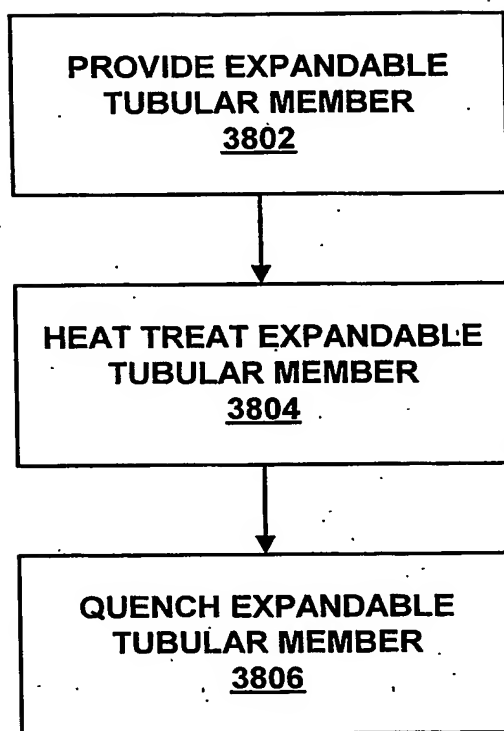


FIG. 38a

3802a



GRAIN PEARLITE

WIDMANSTATTEN  
MARTENSITE

V, Ni, and Ti CARBIDES

Fig. 38b

3802a

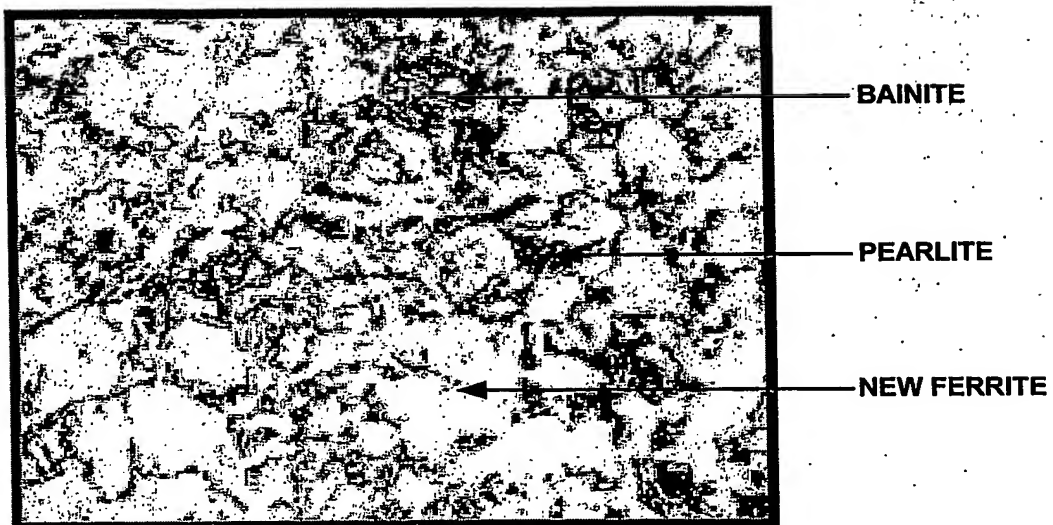


Fig. 38c

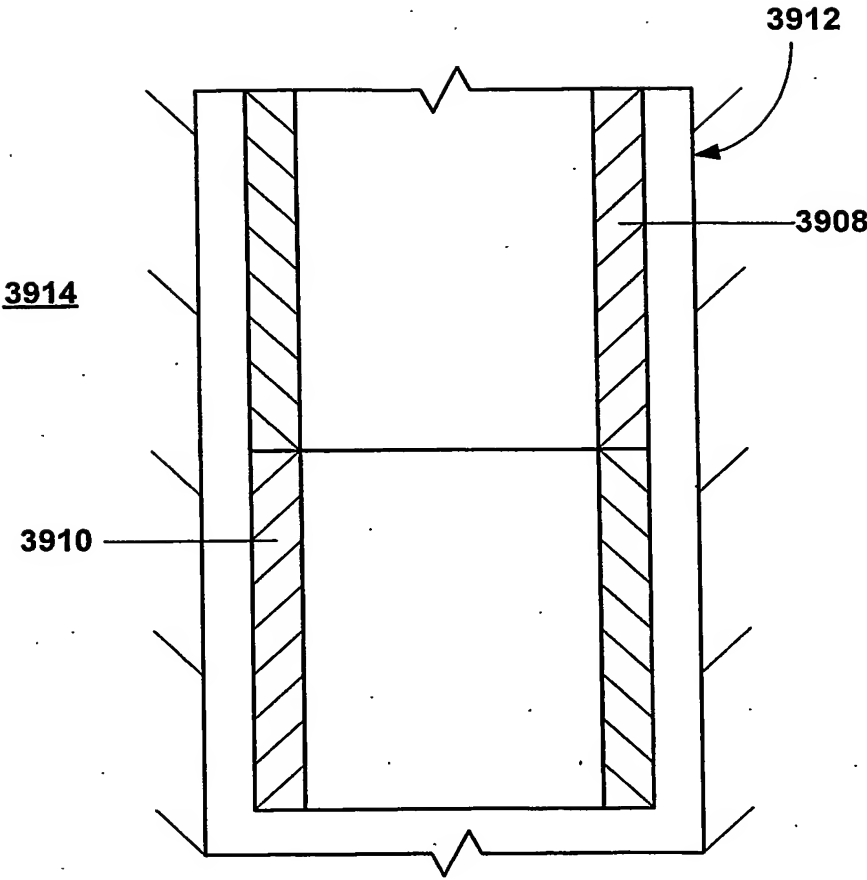


FIG. 39a

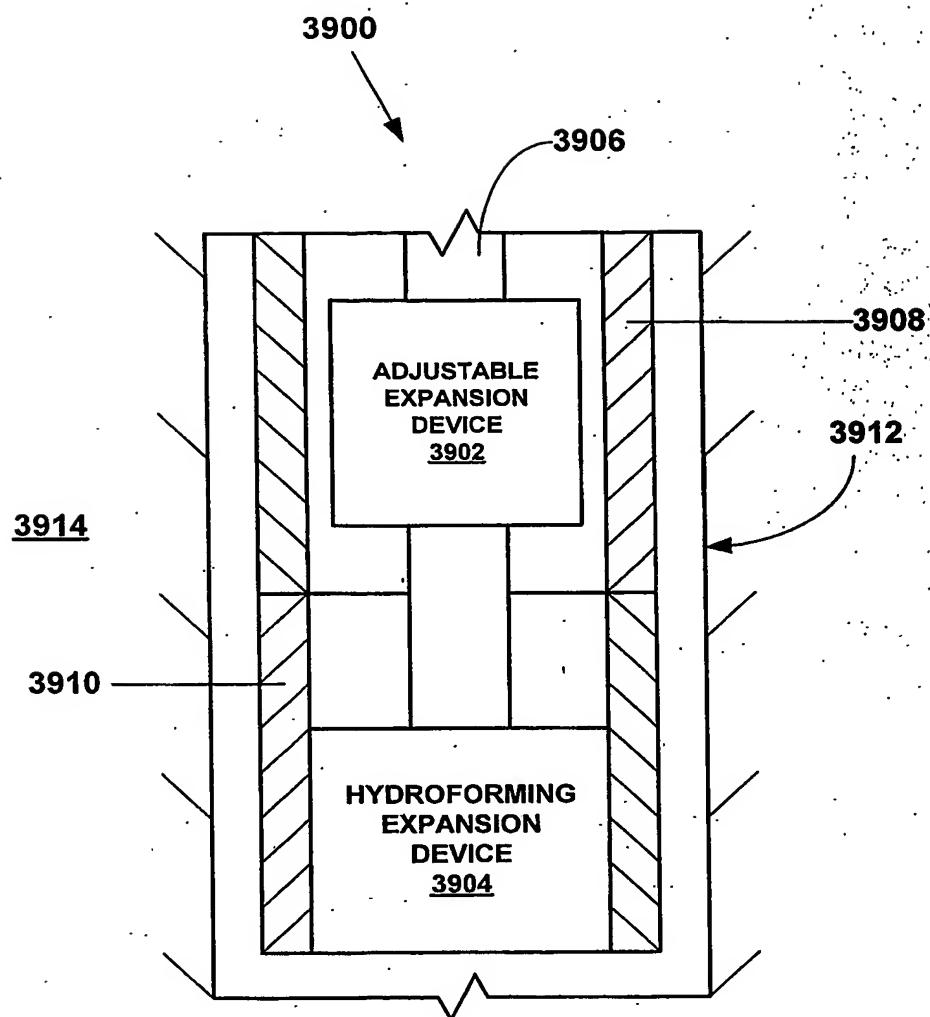


FIG. 39b



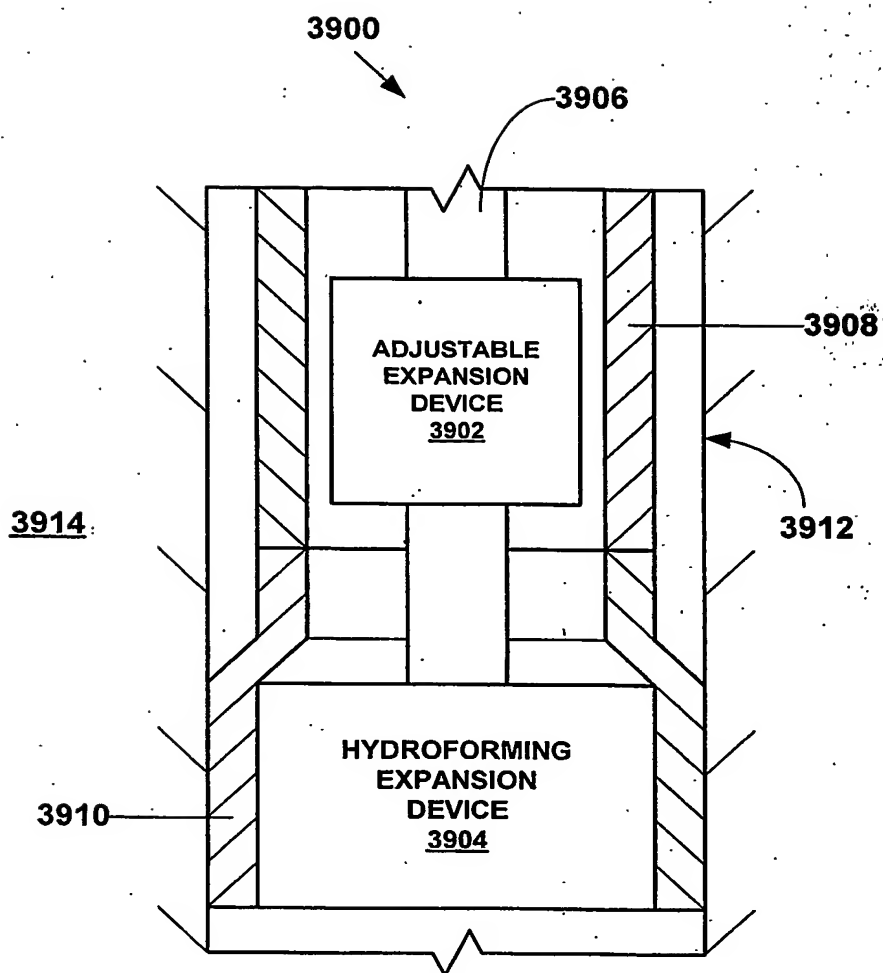


FIG. 39c

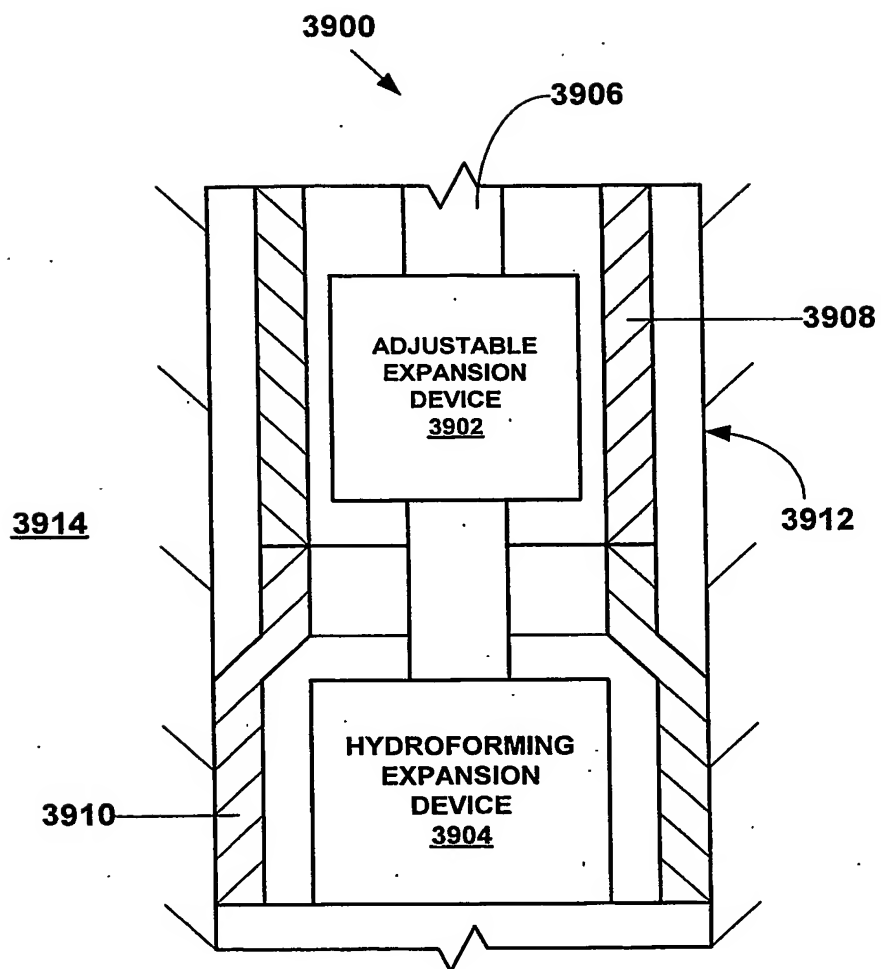


FIG. 39d

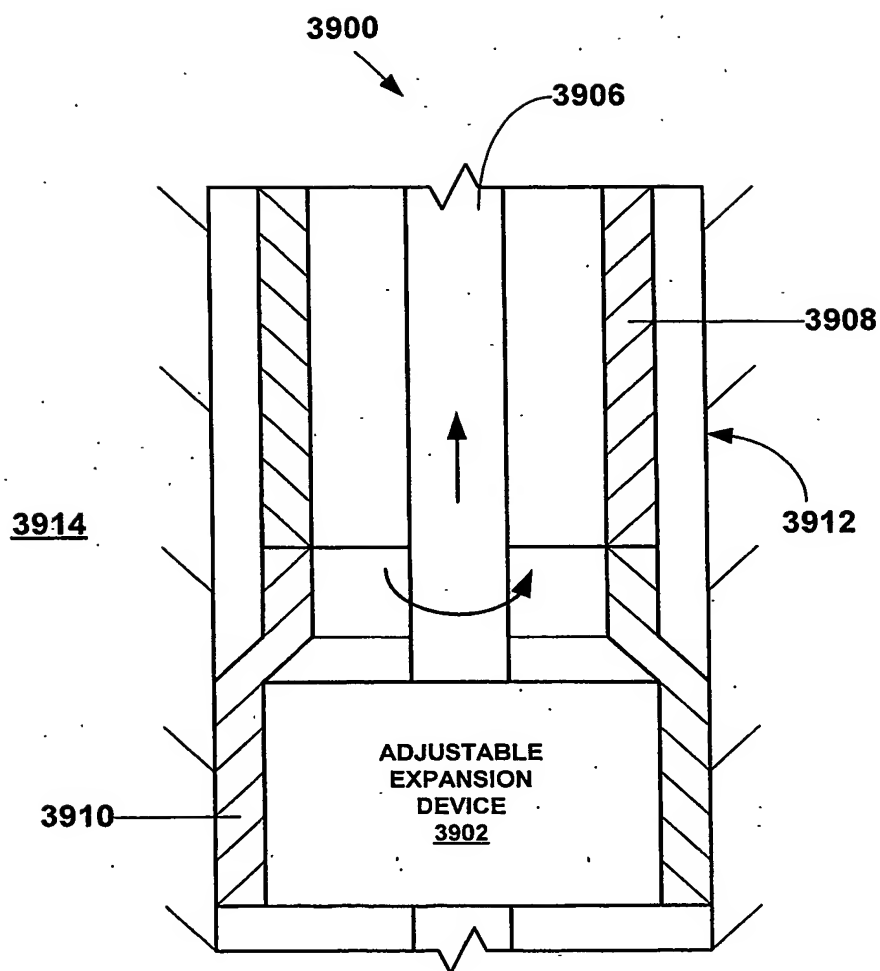


FIG. 39e

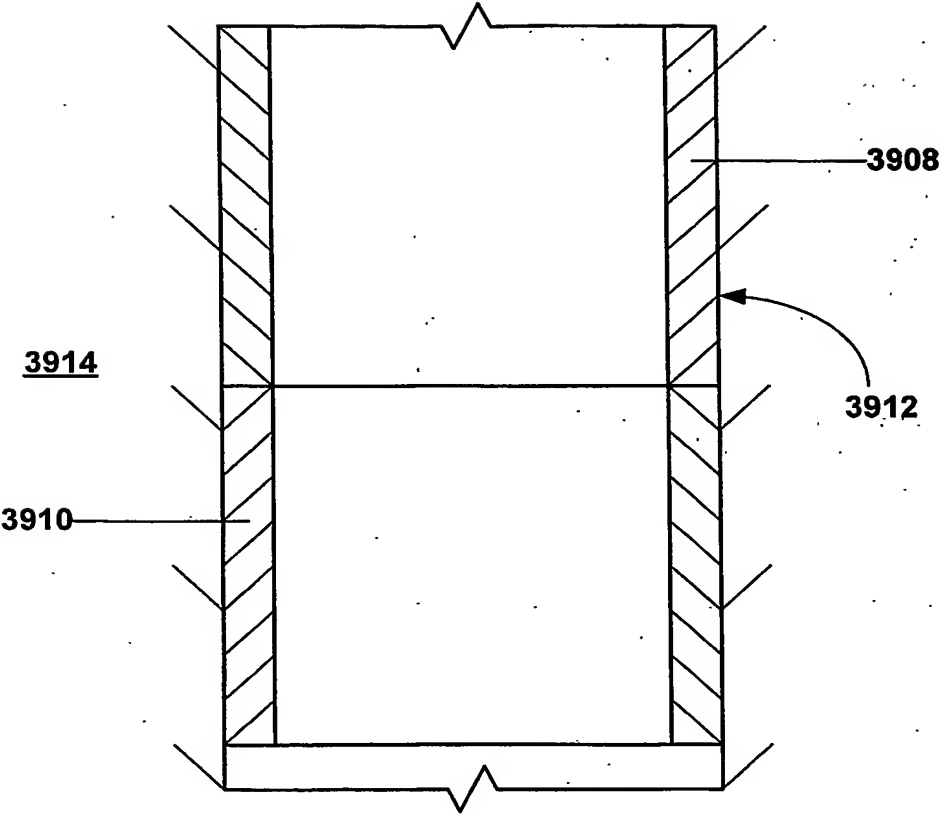


FIG. 39f

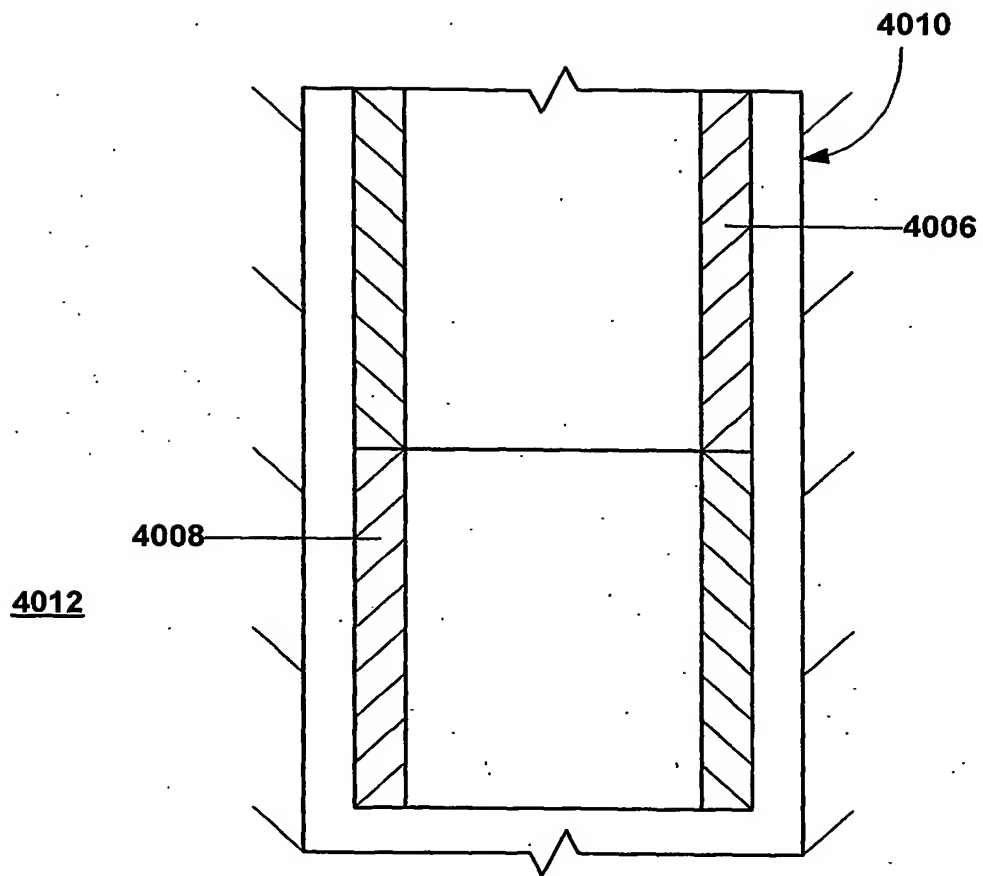


FIG. 40a

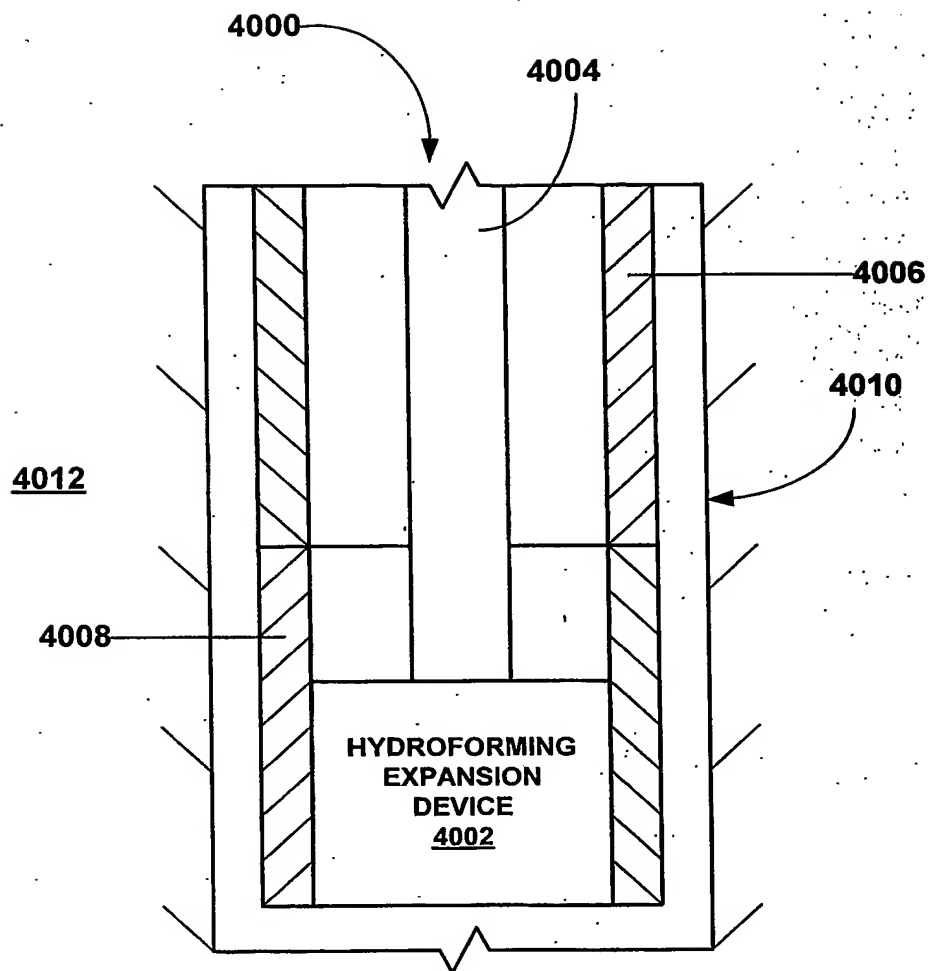


FIG. 40b

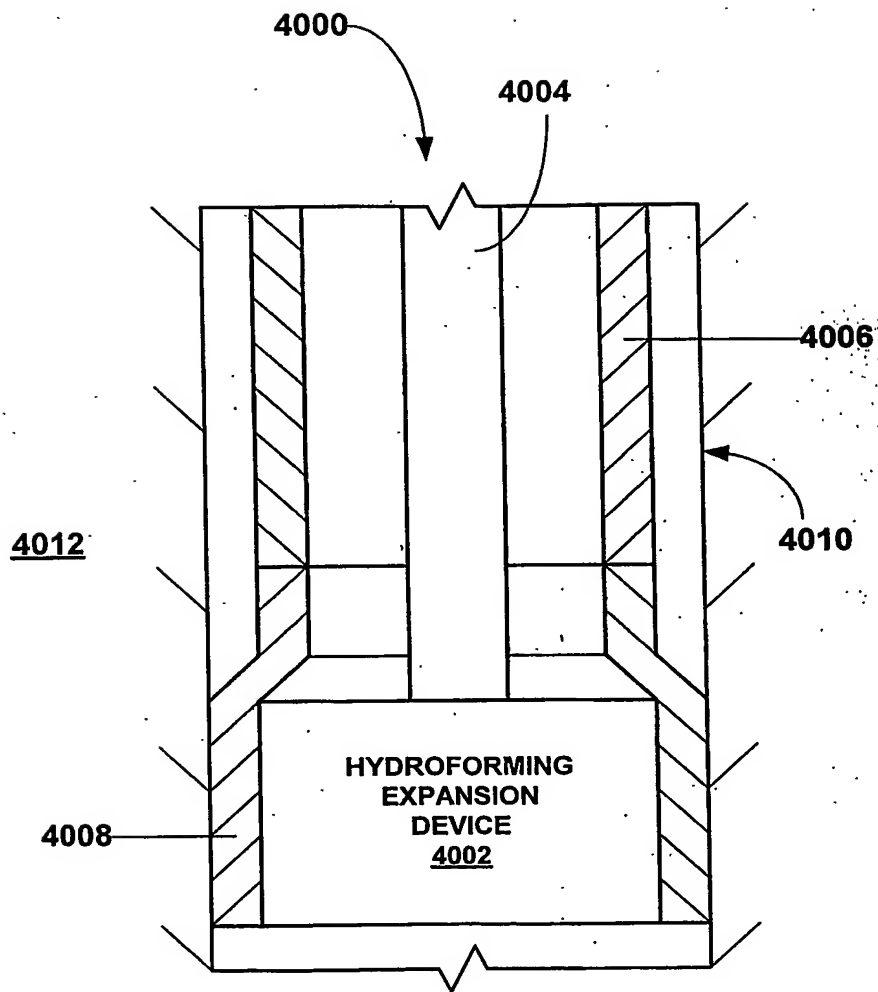


FIG. 40c

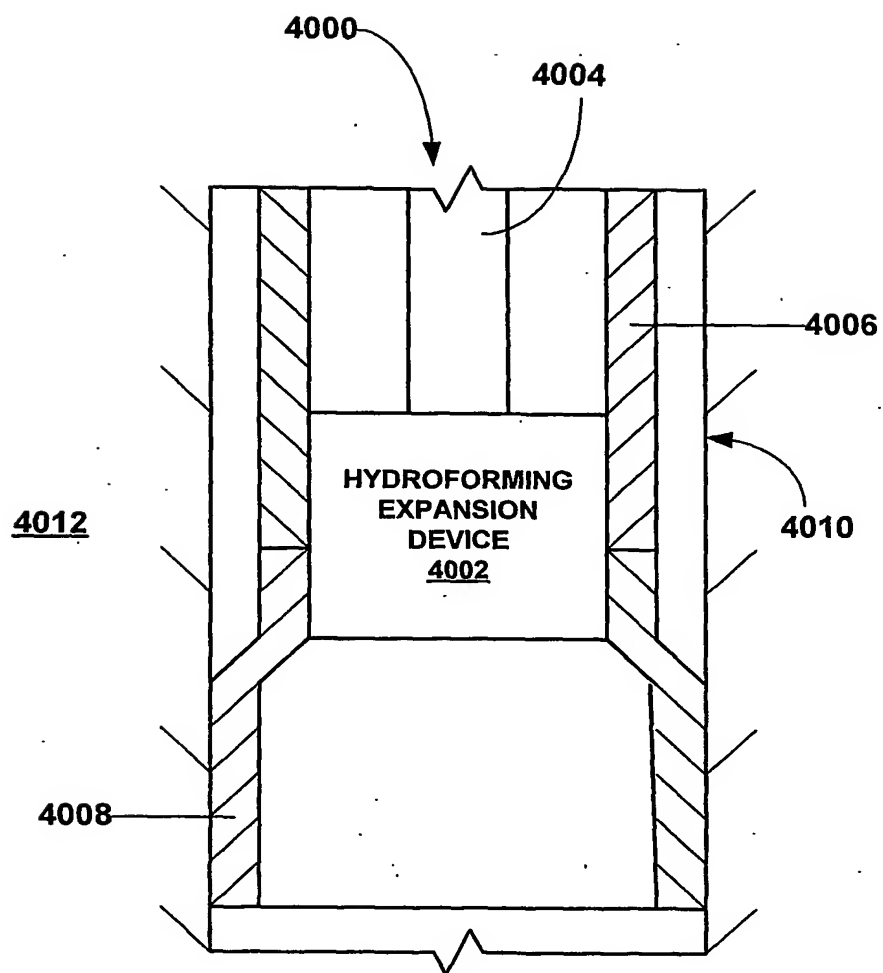


FIG. 40d



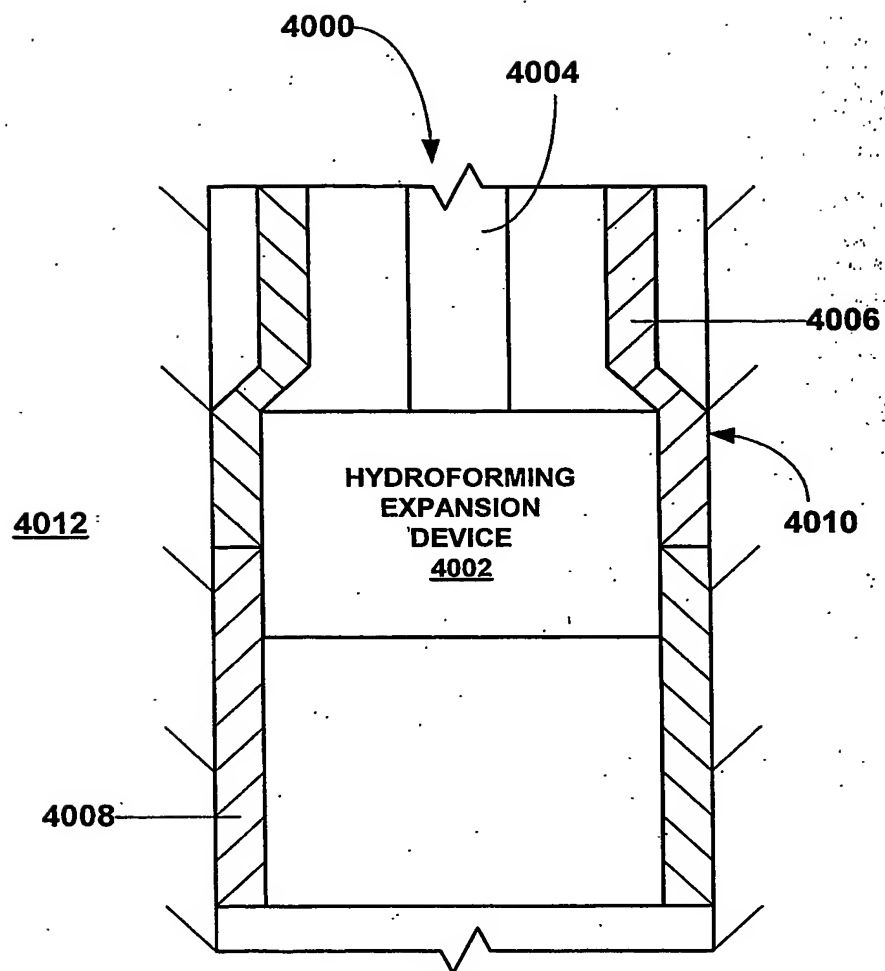


FIG. 40e

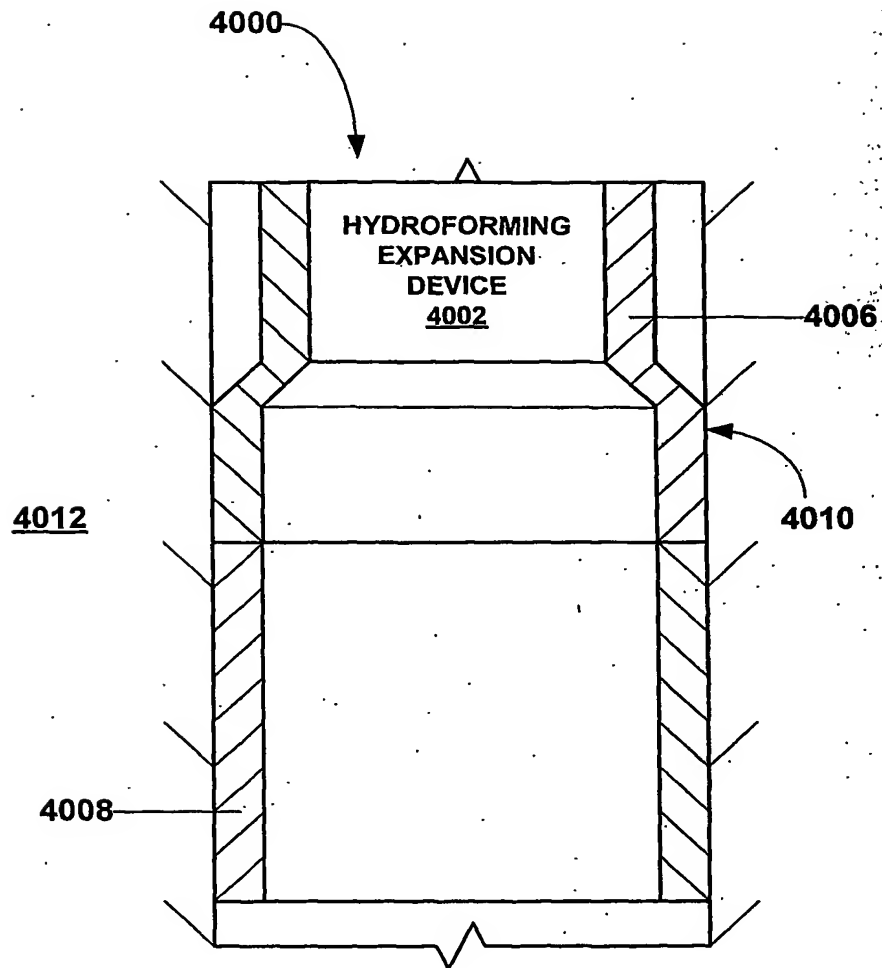


FIG. 40f

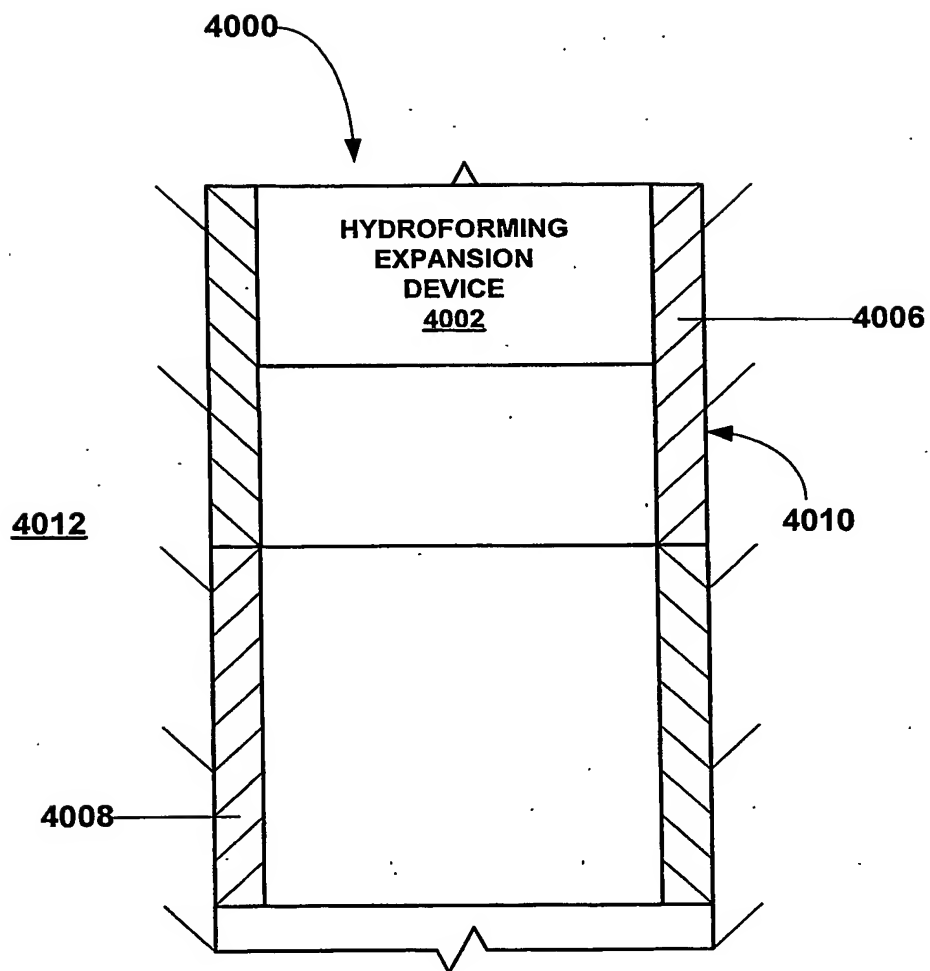


FIG. 40g

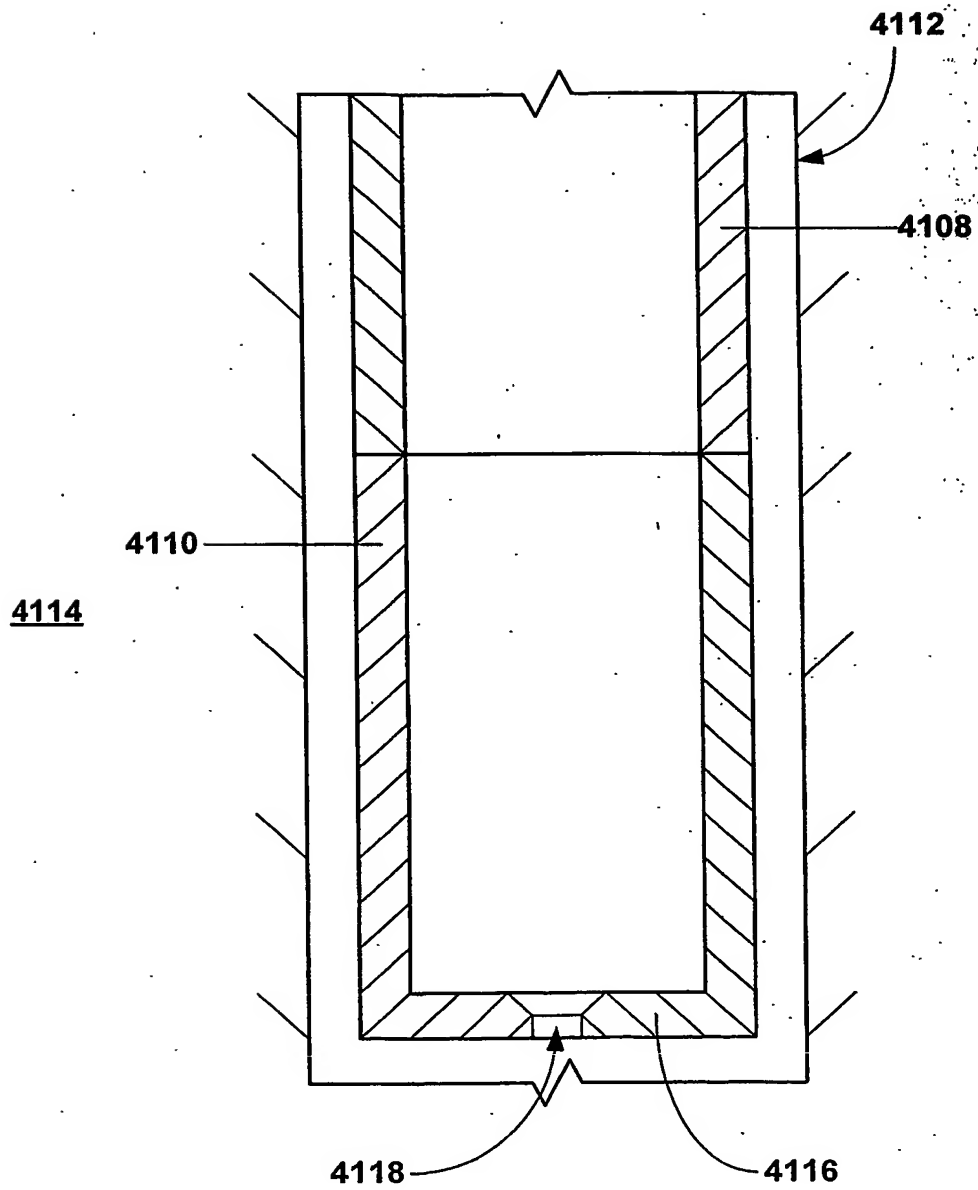


FIG. 41a

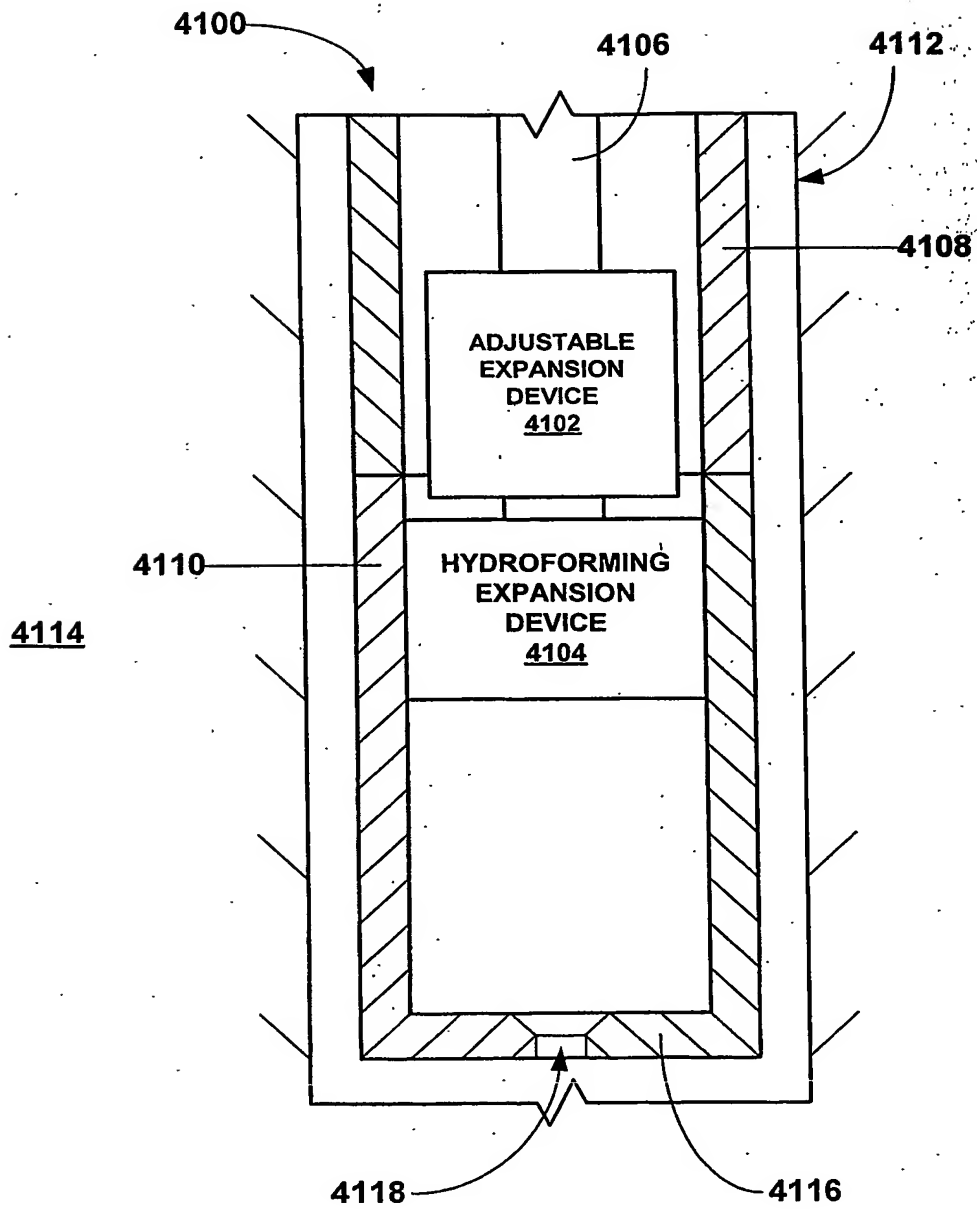


FIG. 41b

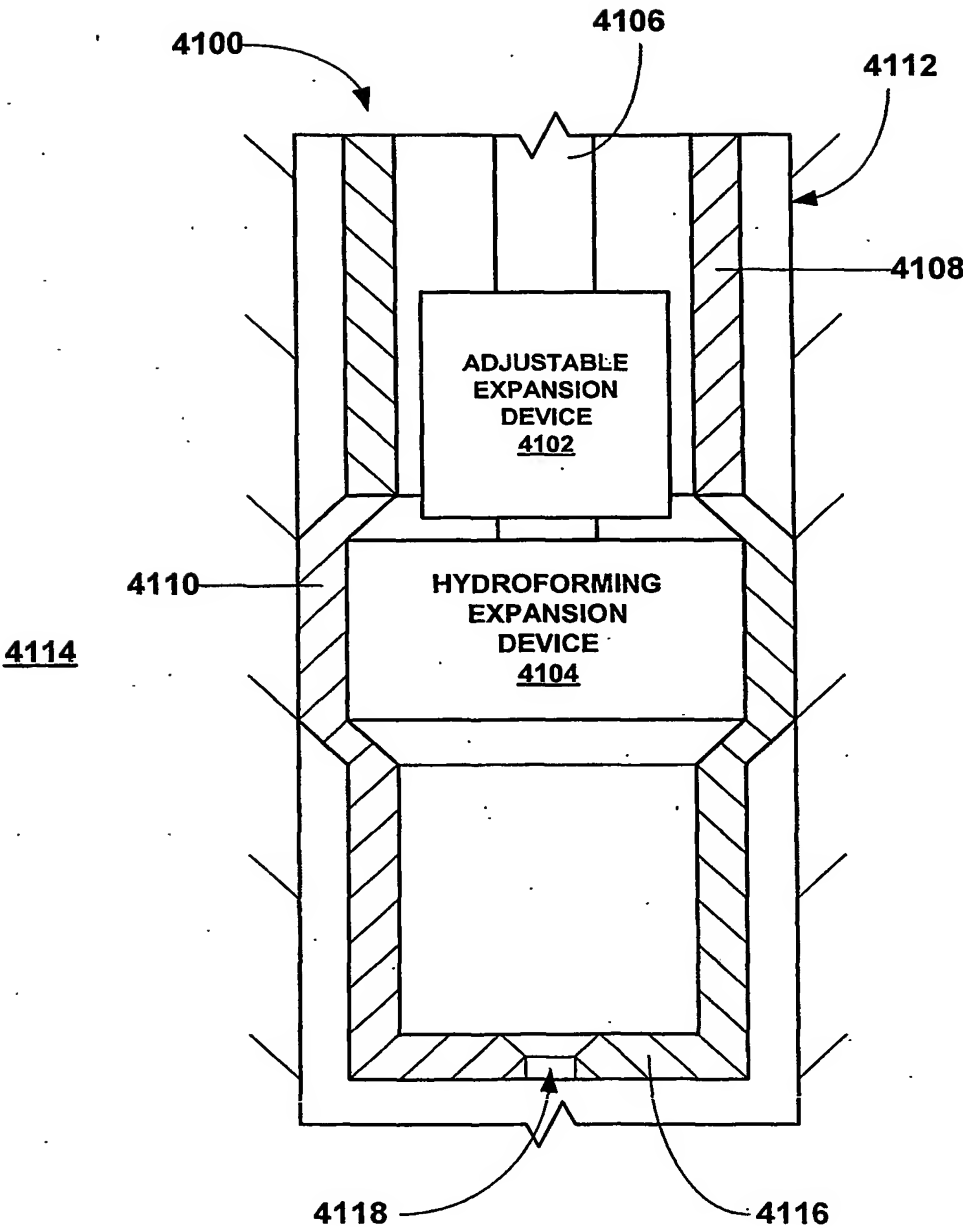


FIG. 41c

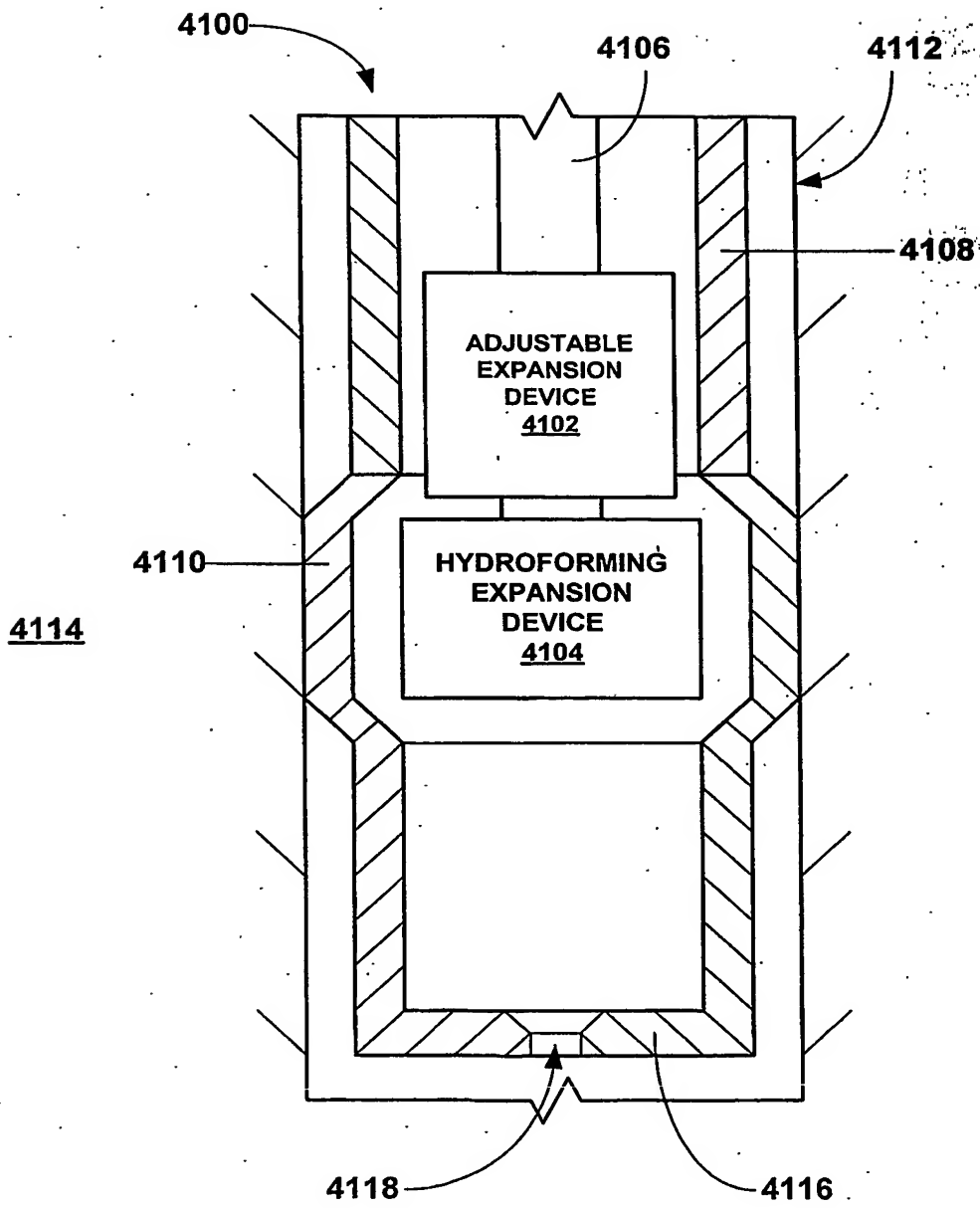


FIG. 41d

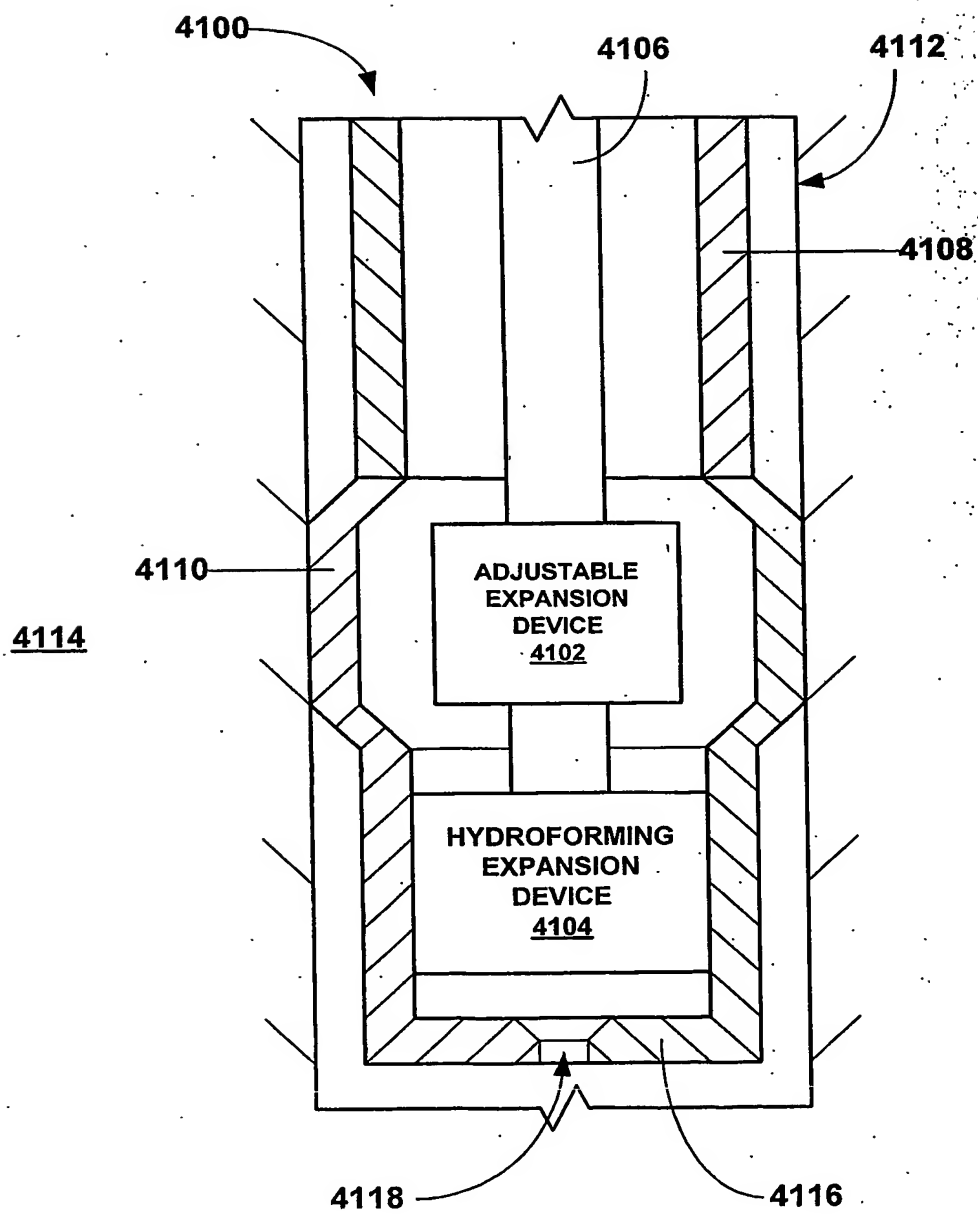


FIG. 41e



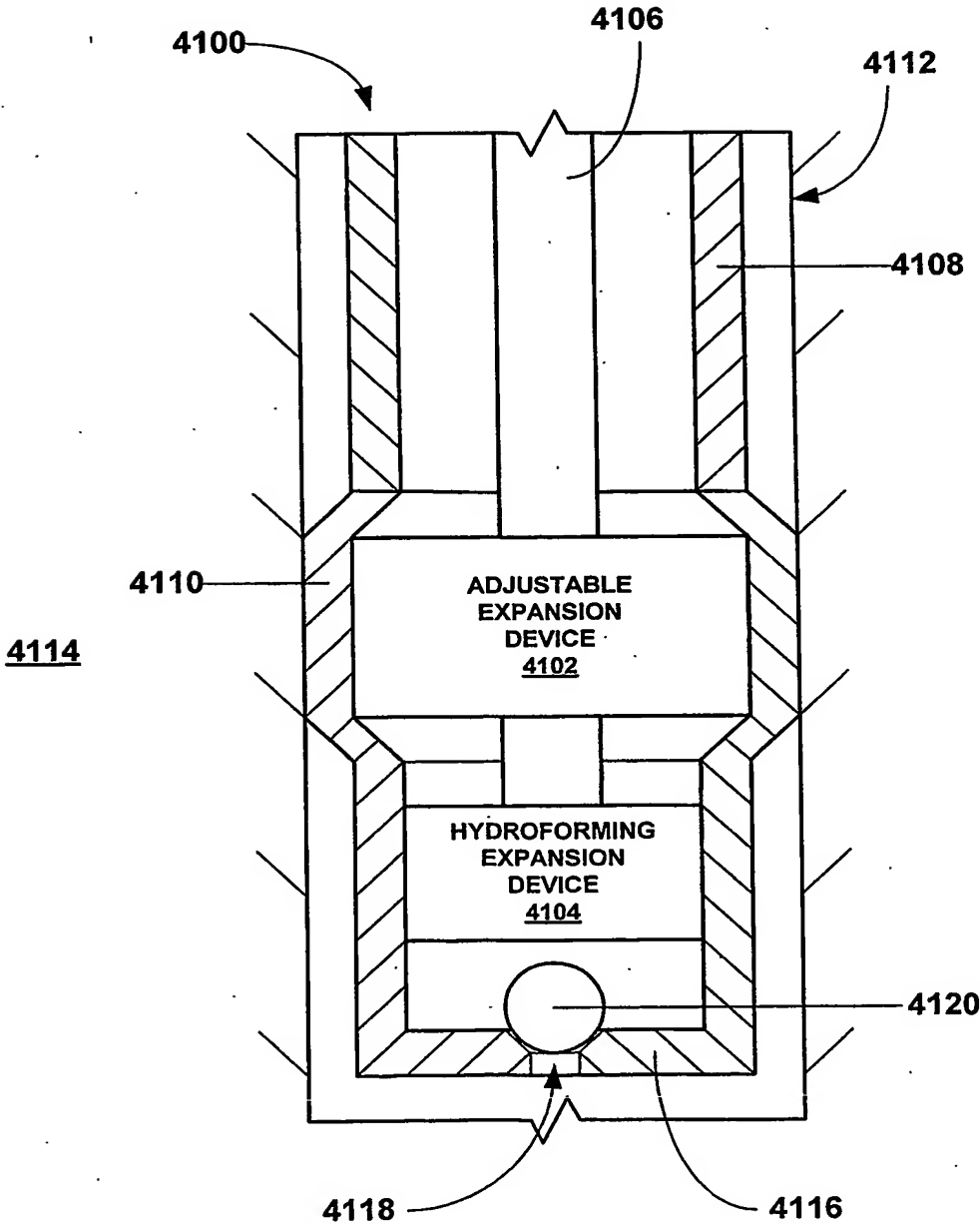


FIG. 41f

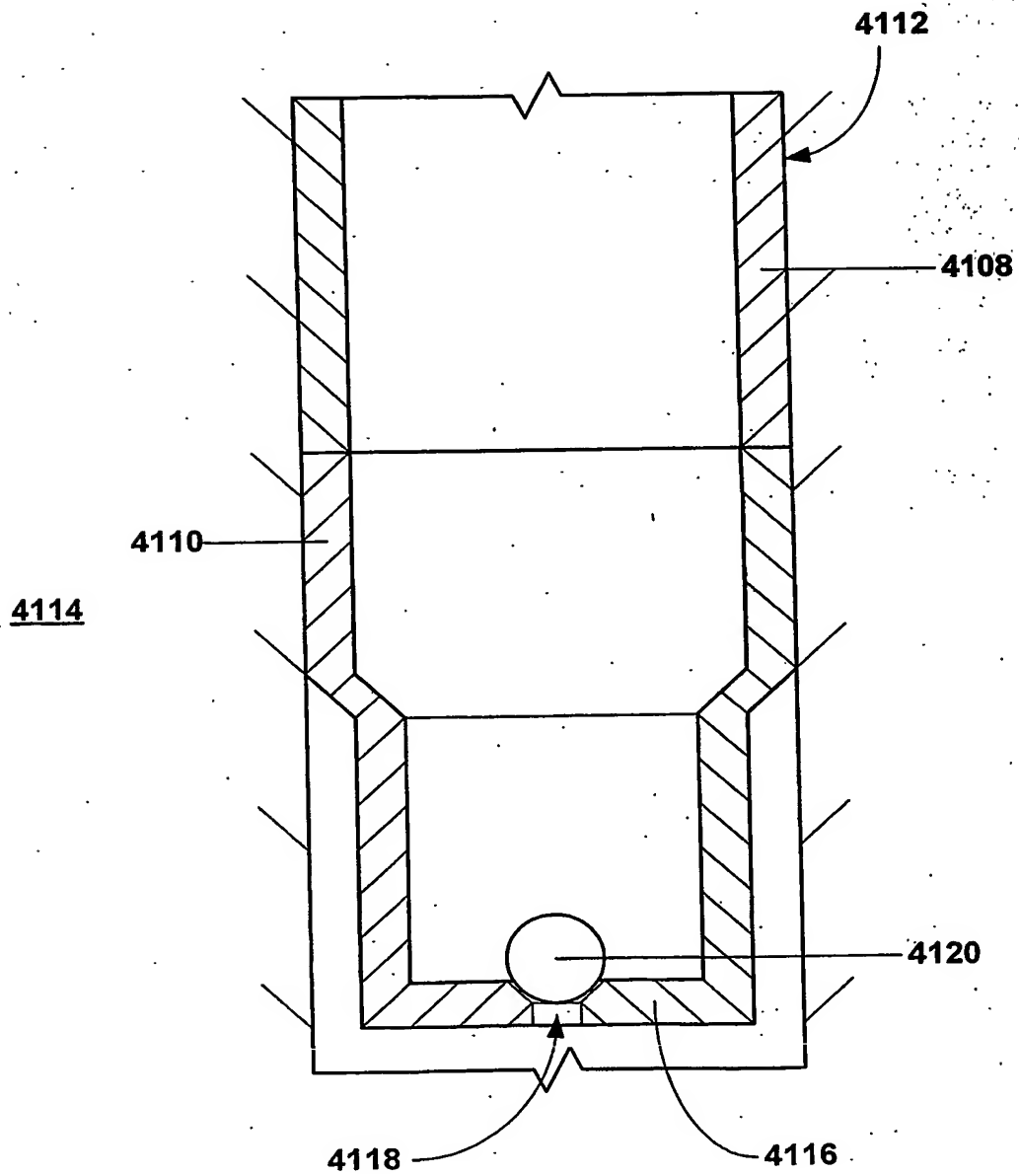


FIG. 41g

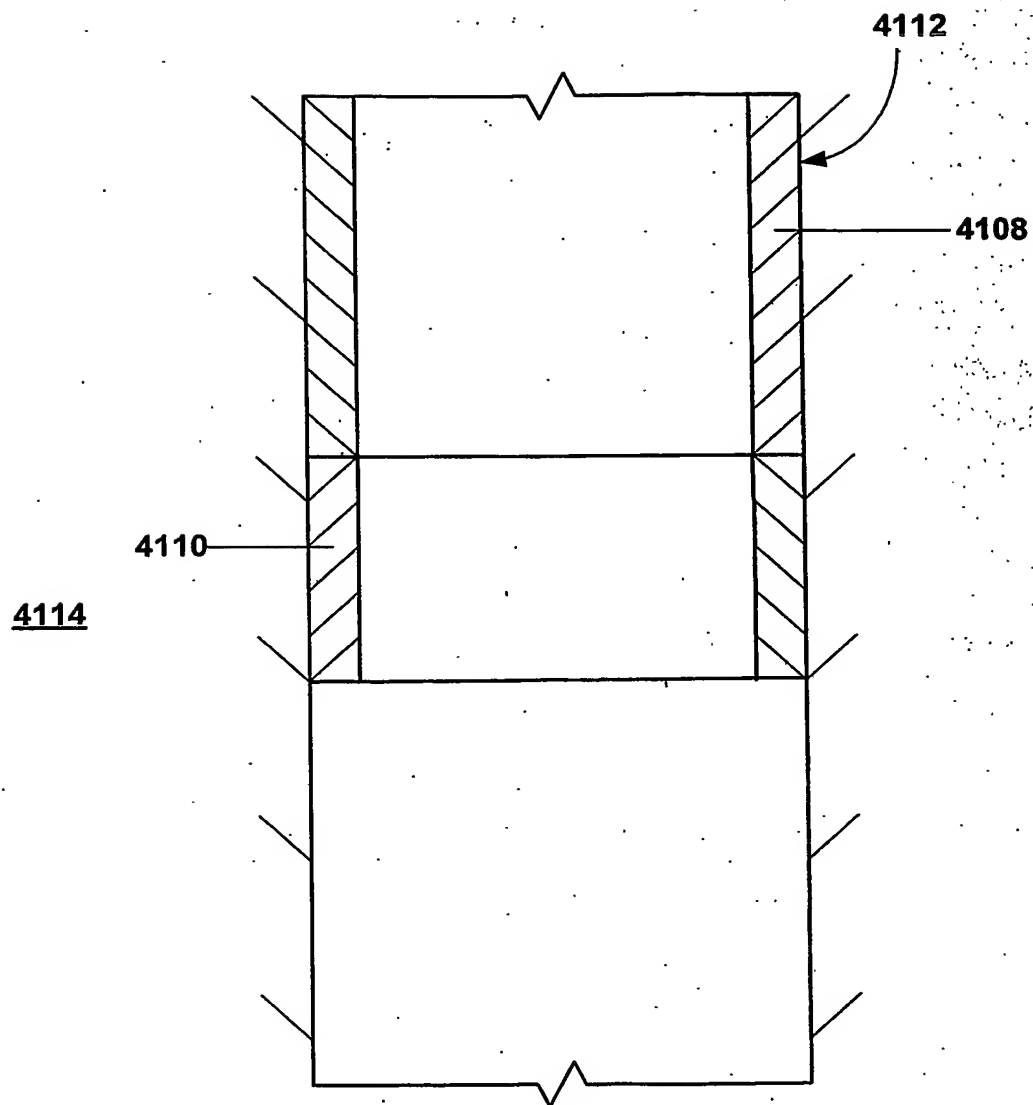


FIG. 41h

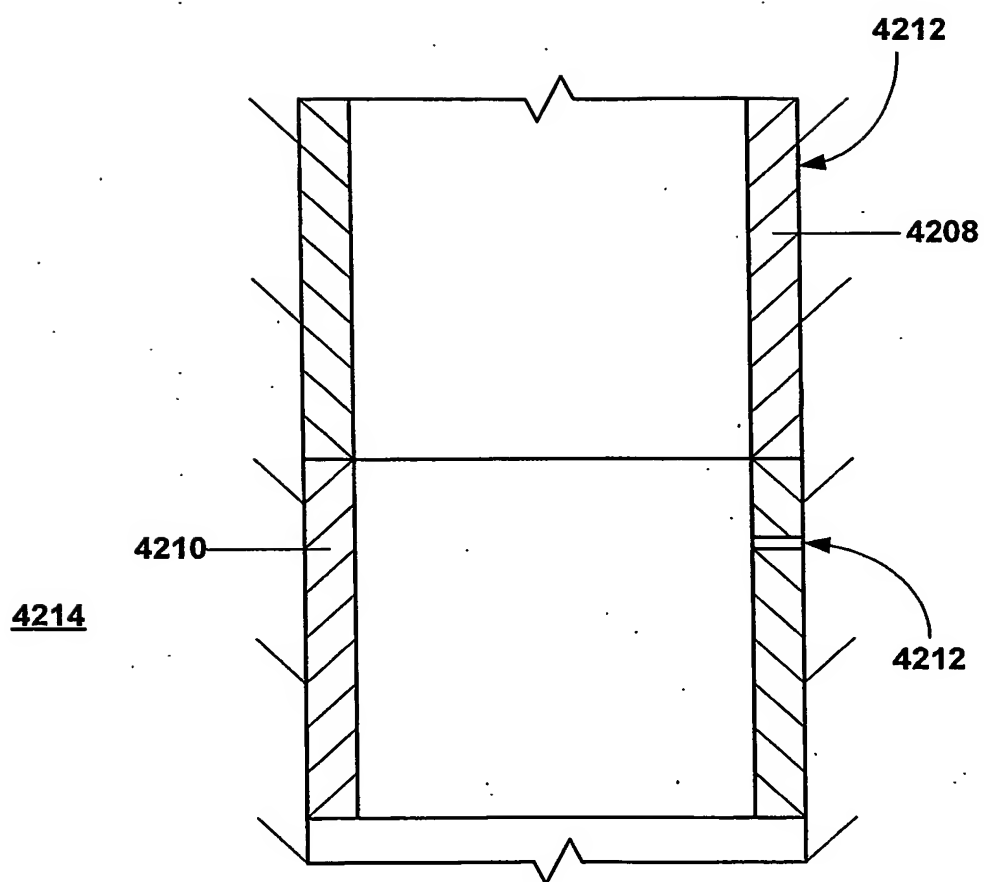


FIG. 42a

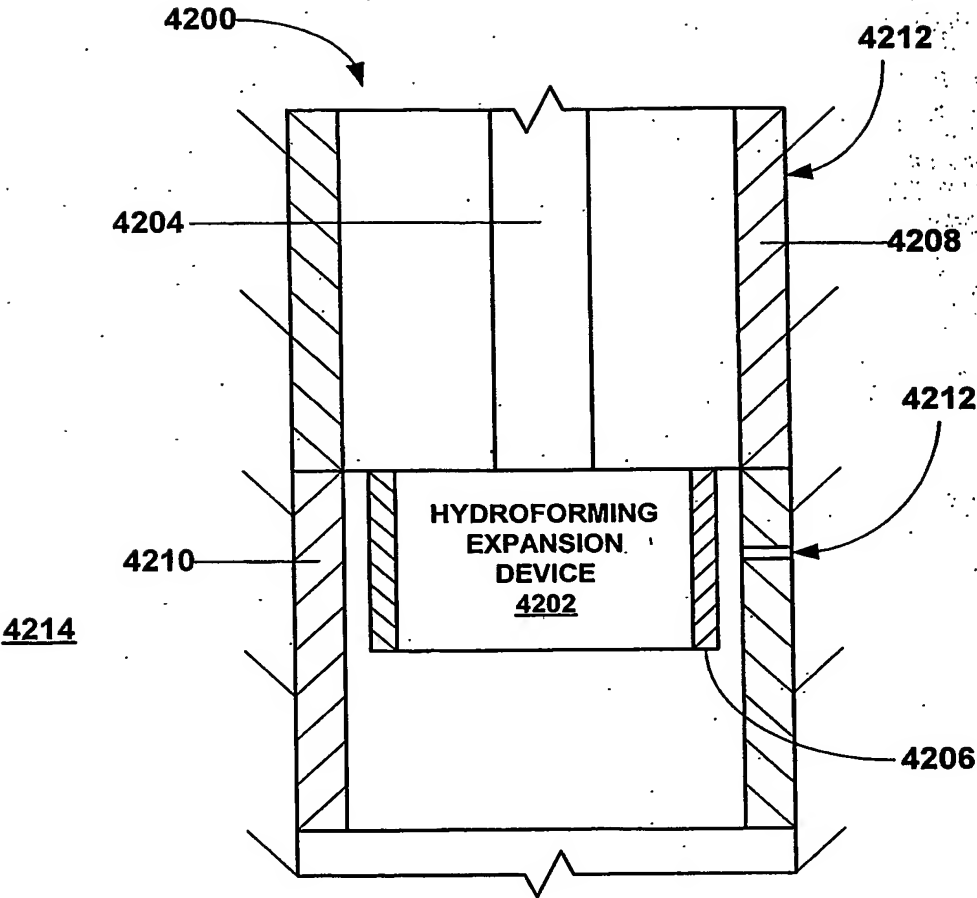


FIG. 42b

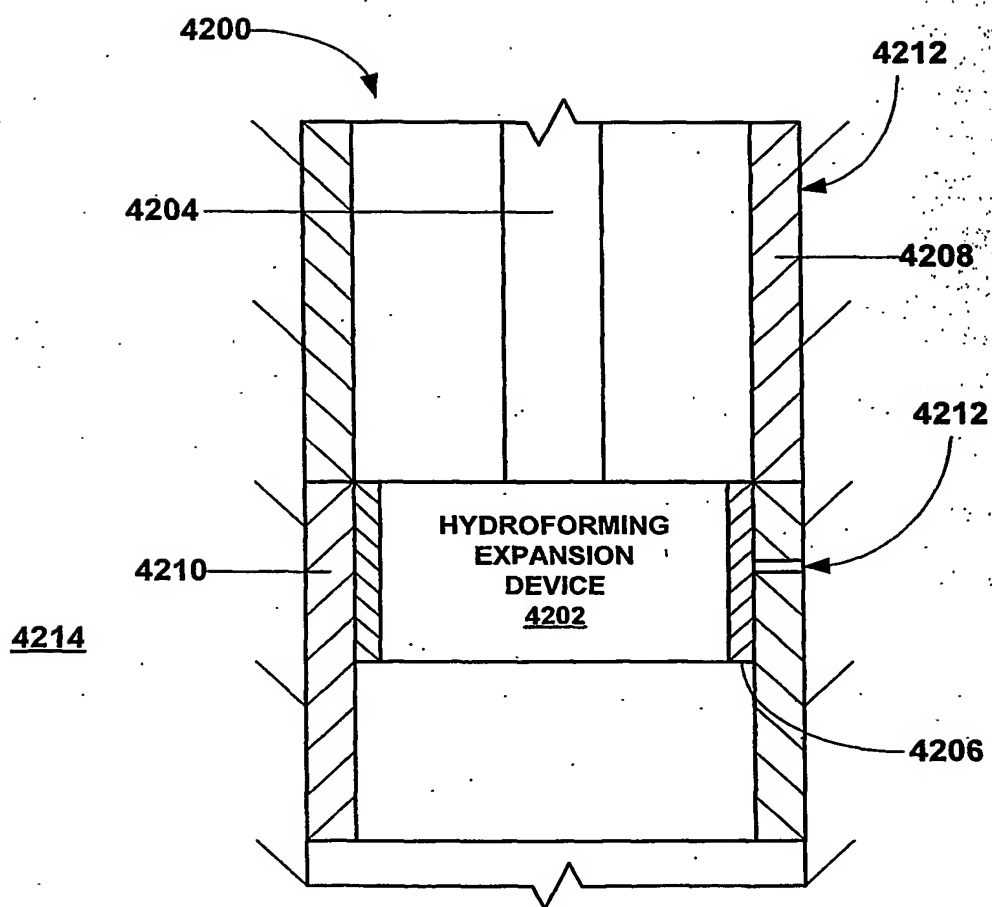


FIG. 42c

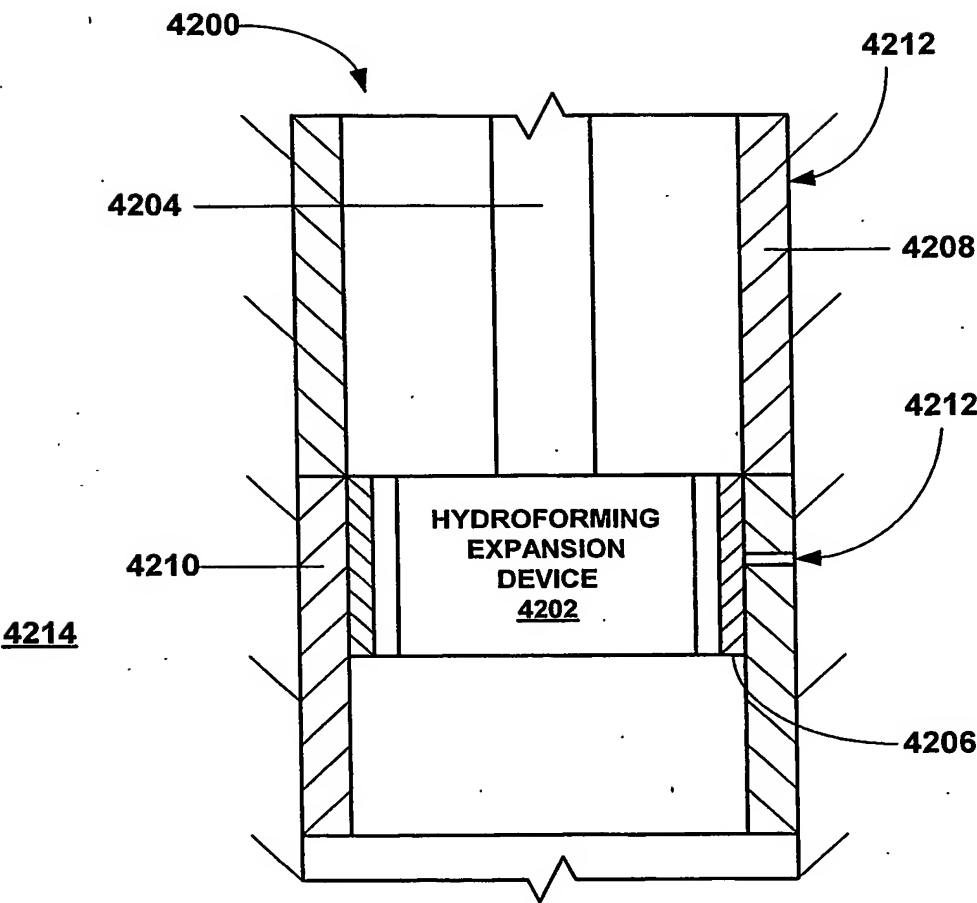


FIG. 42d

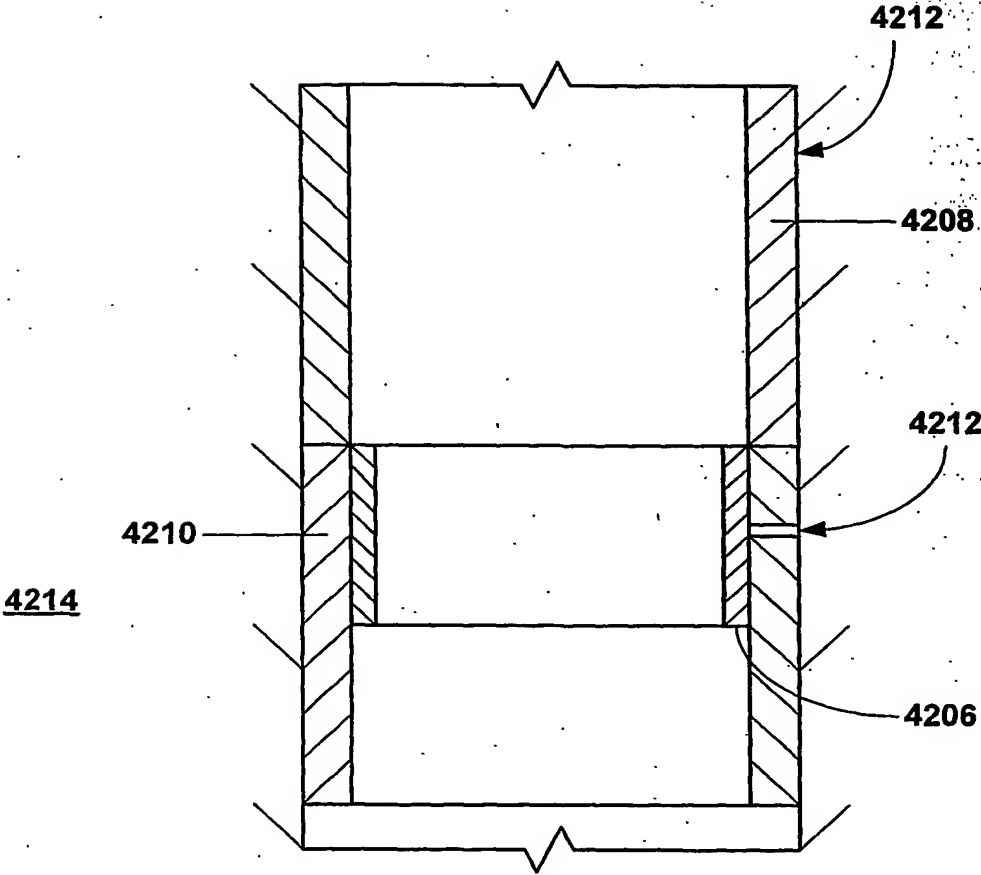


FIG. 42e



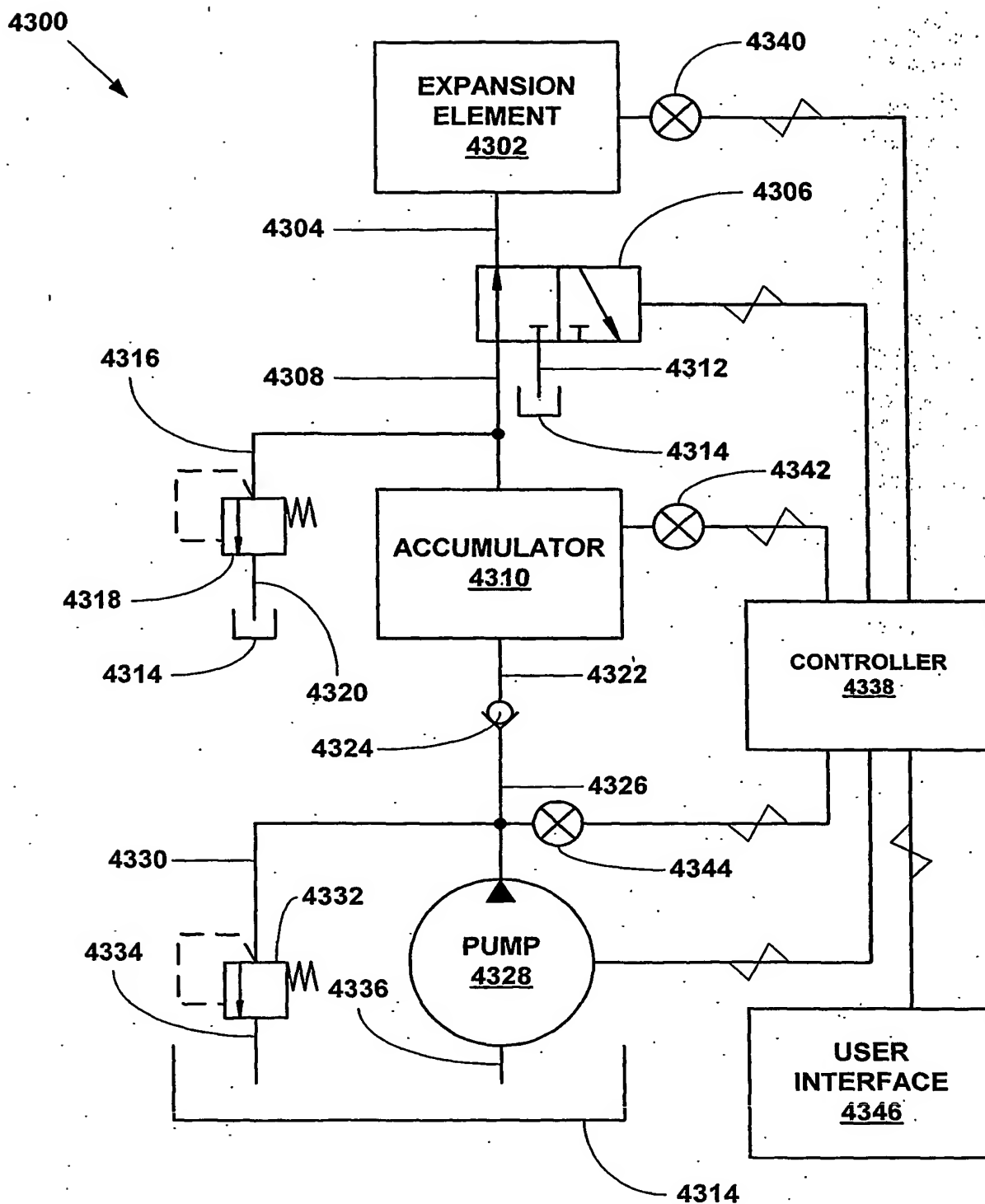


FIG. 43

4400

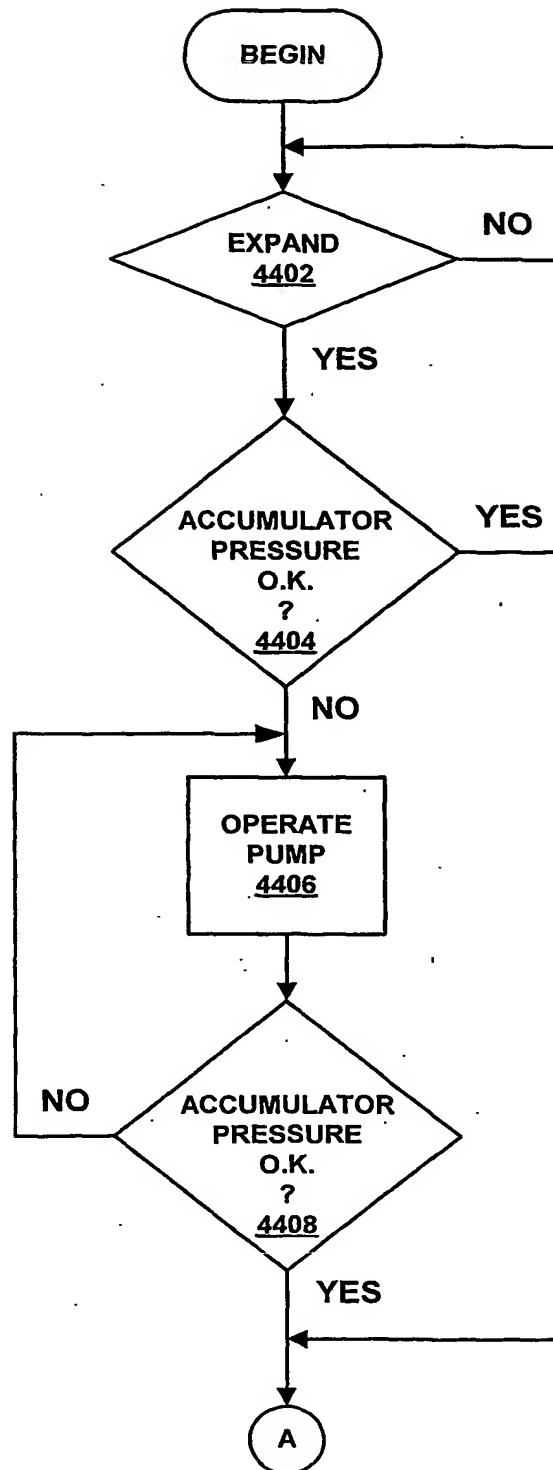


FIG. 44a

4400

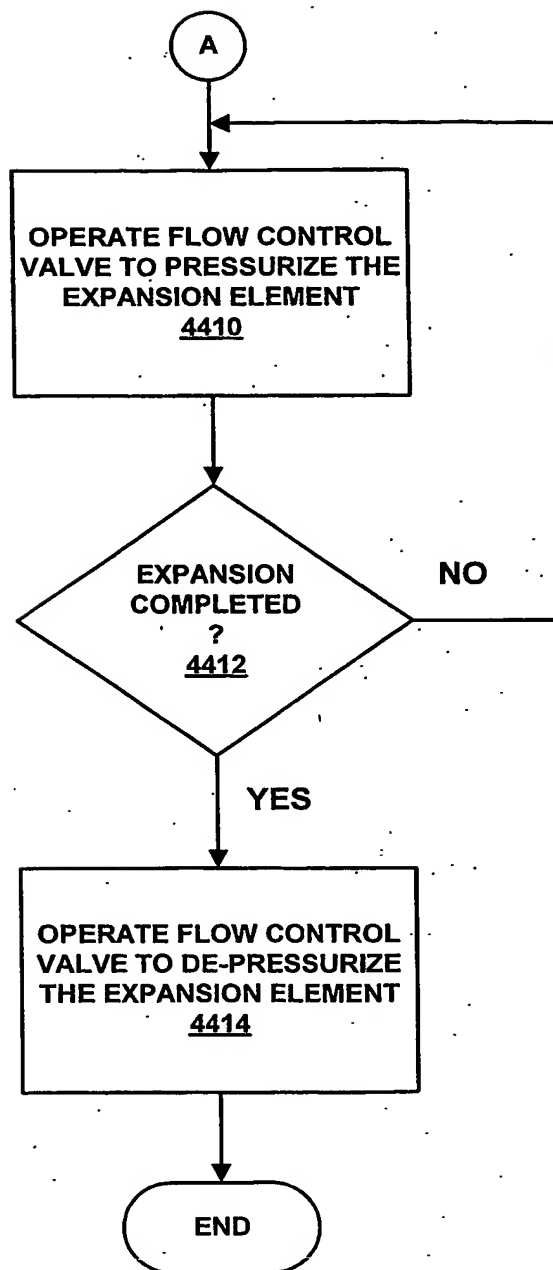
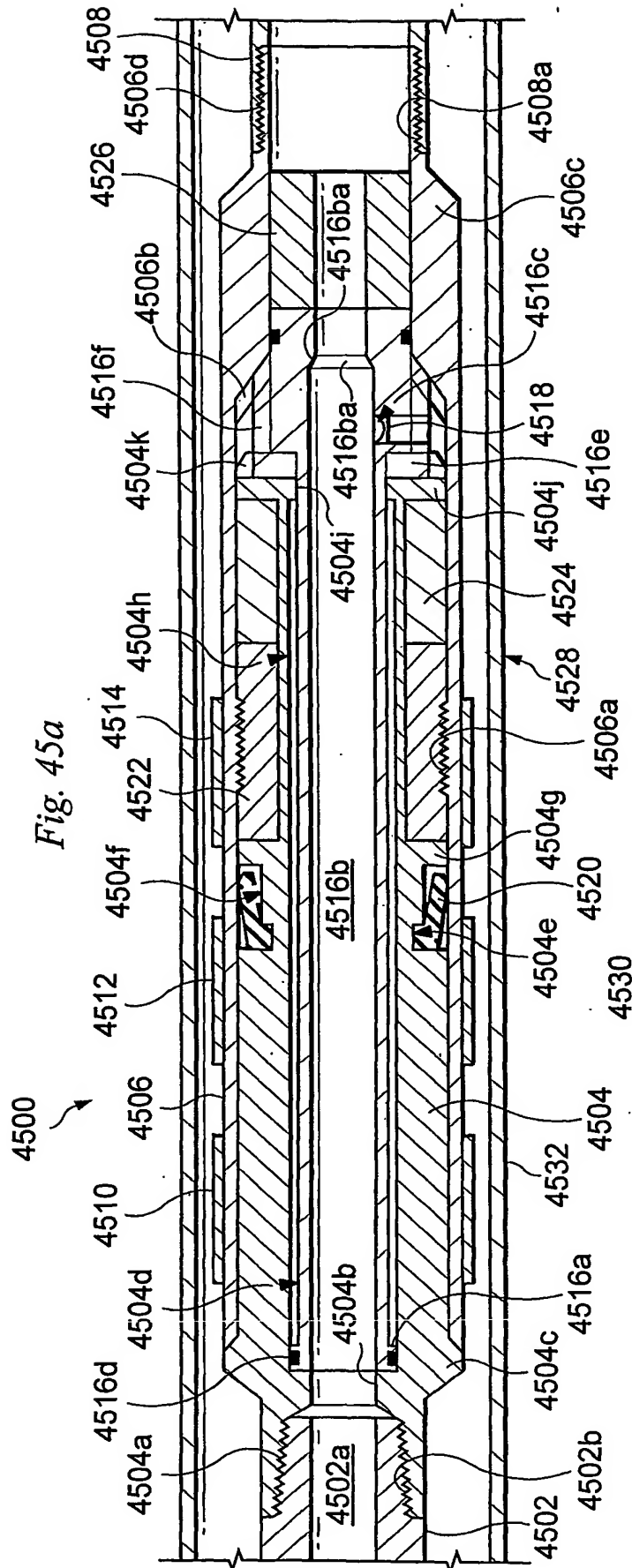
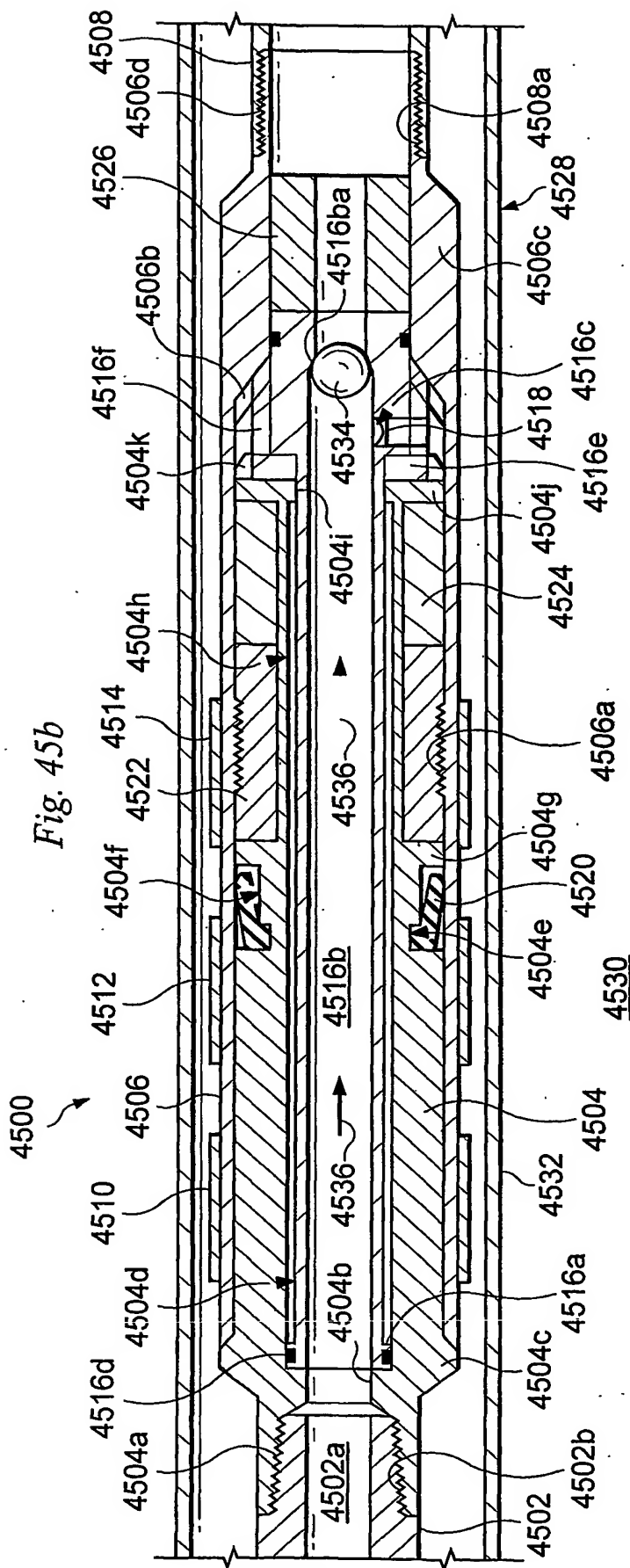
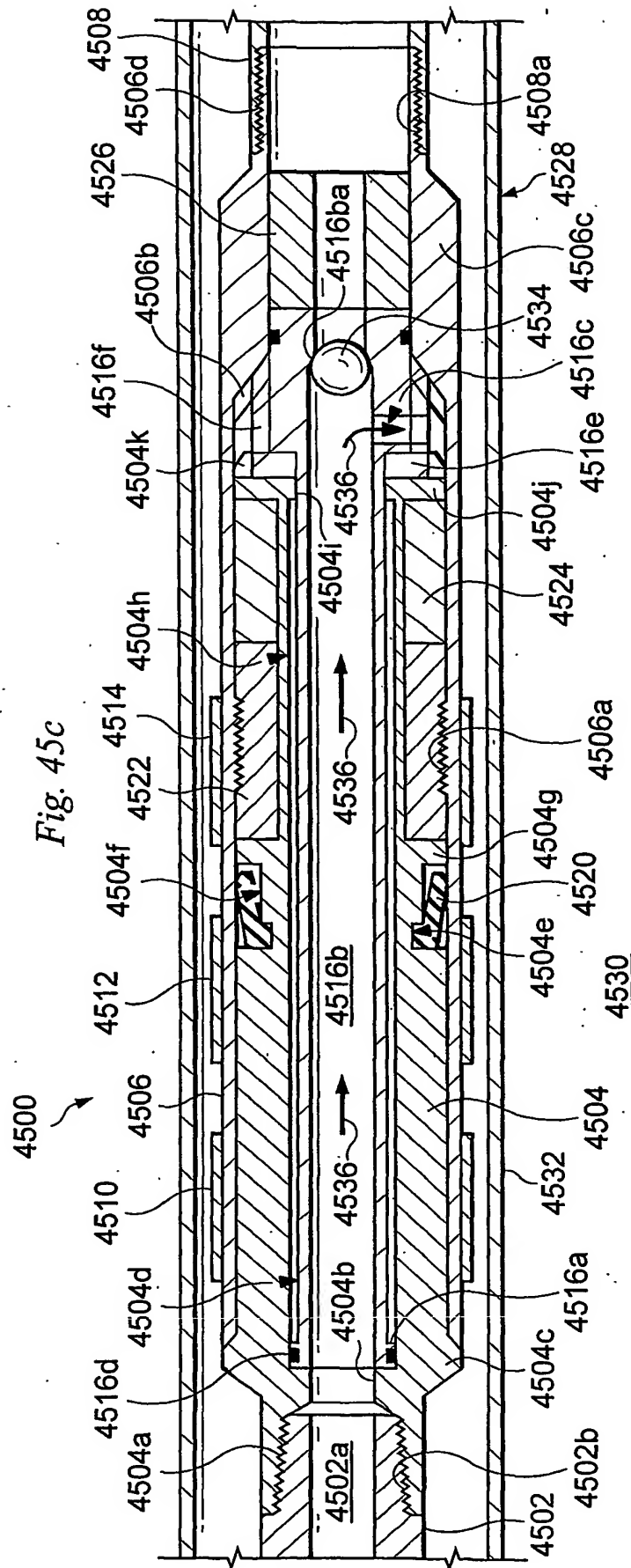
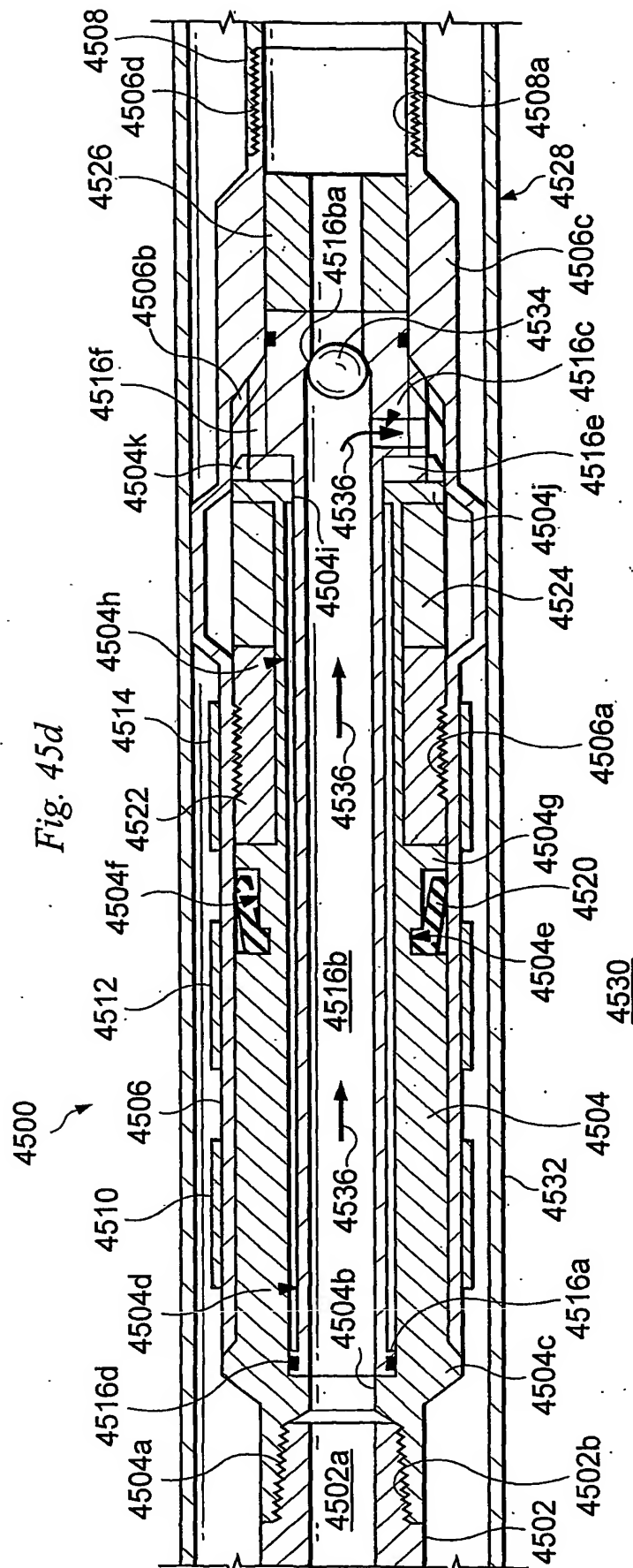


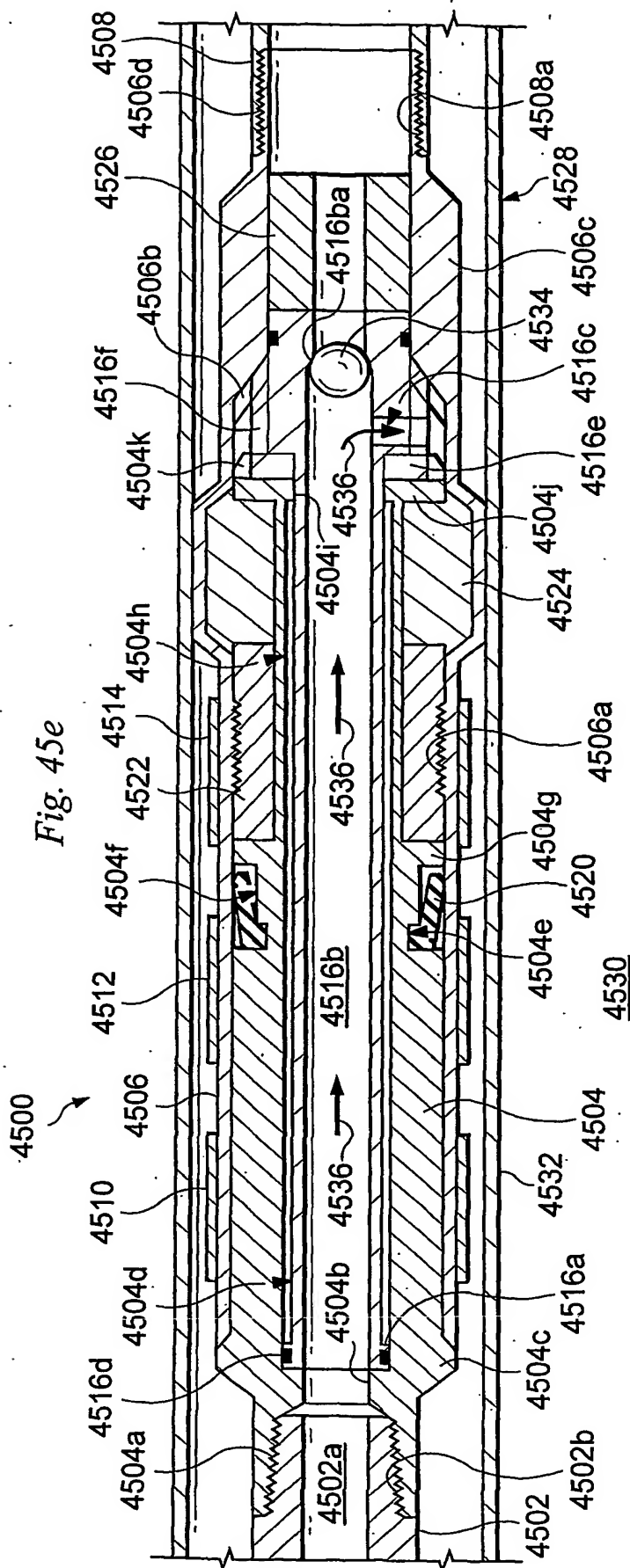
FIG. 44b



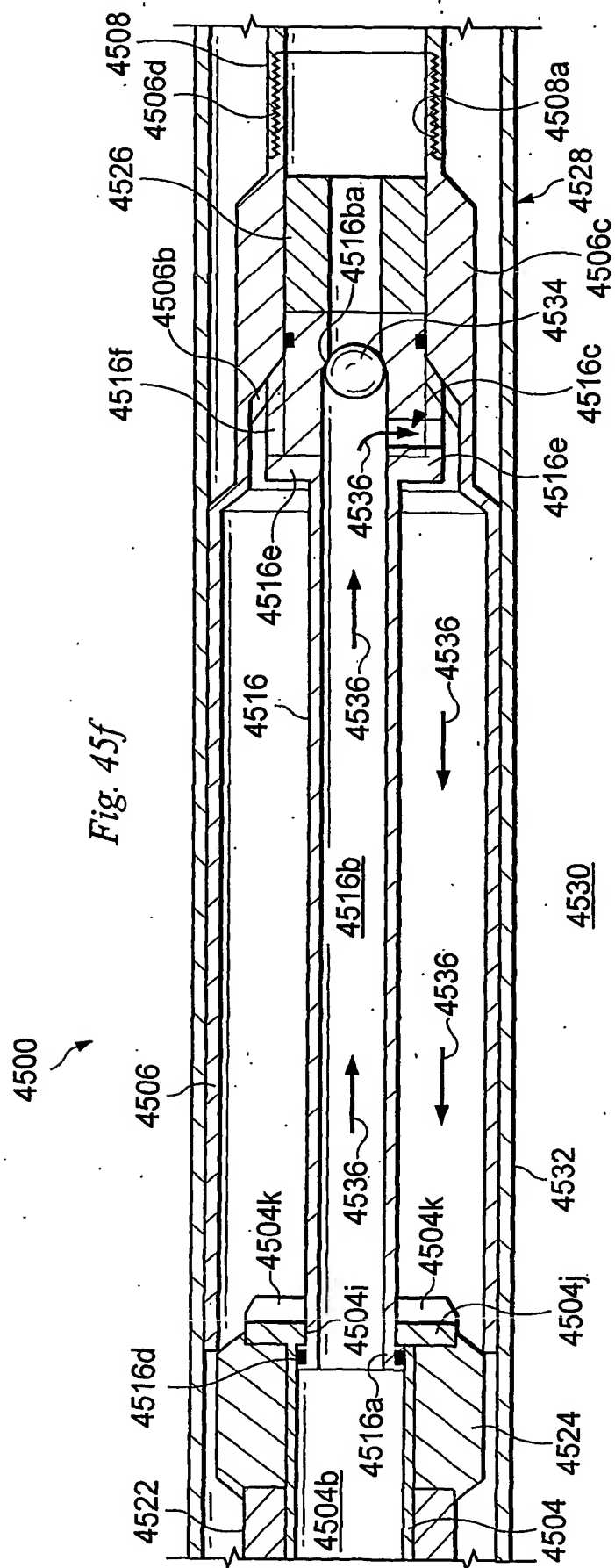


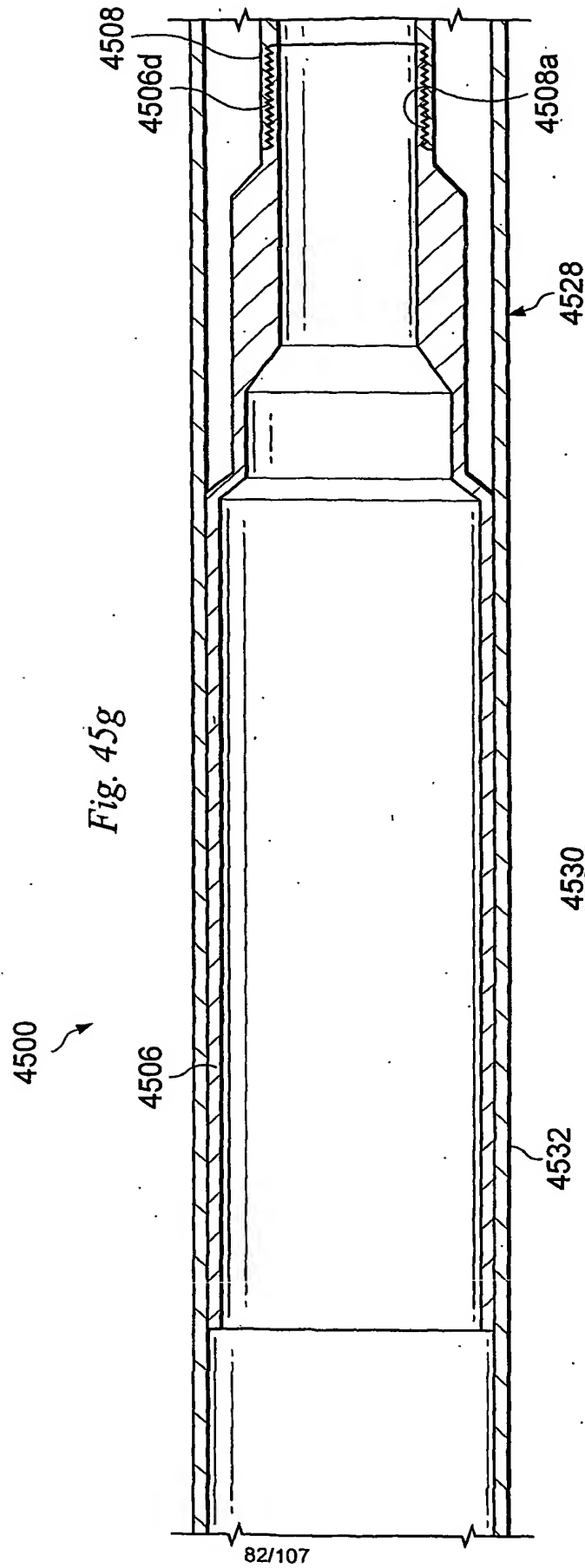












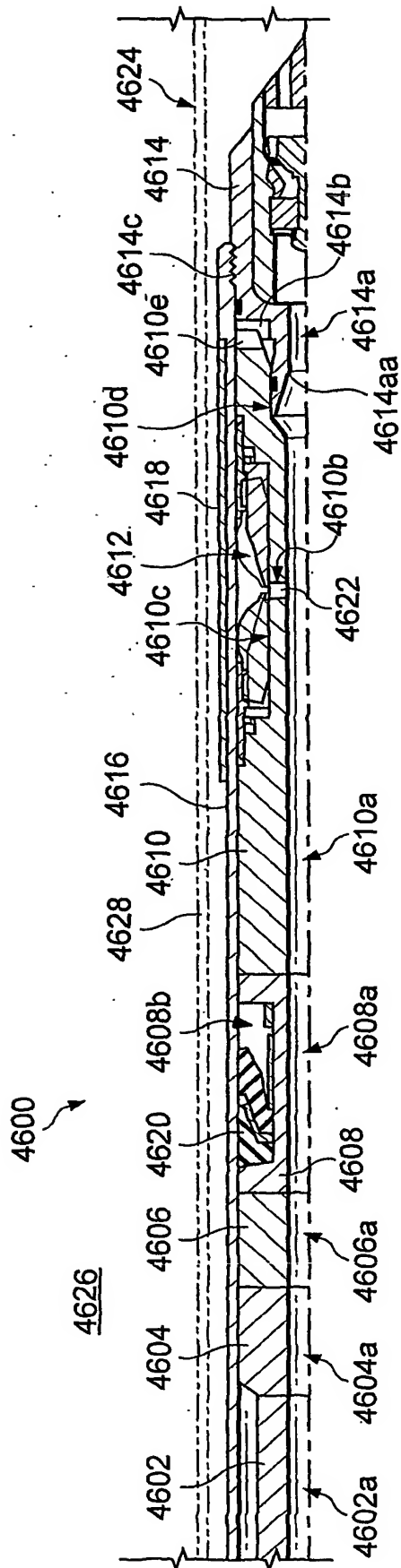


Fig. 46a

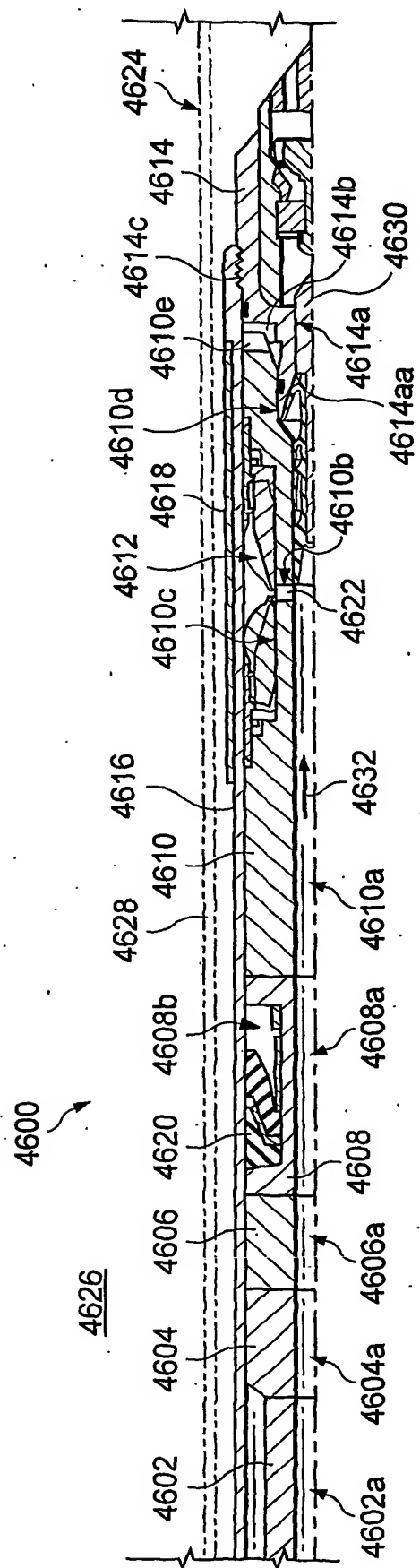
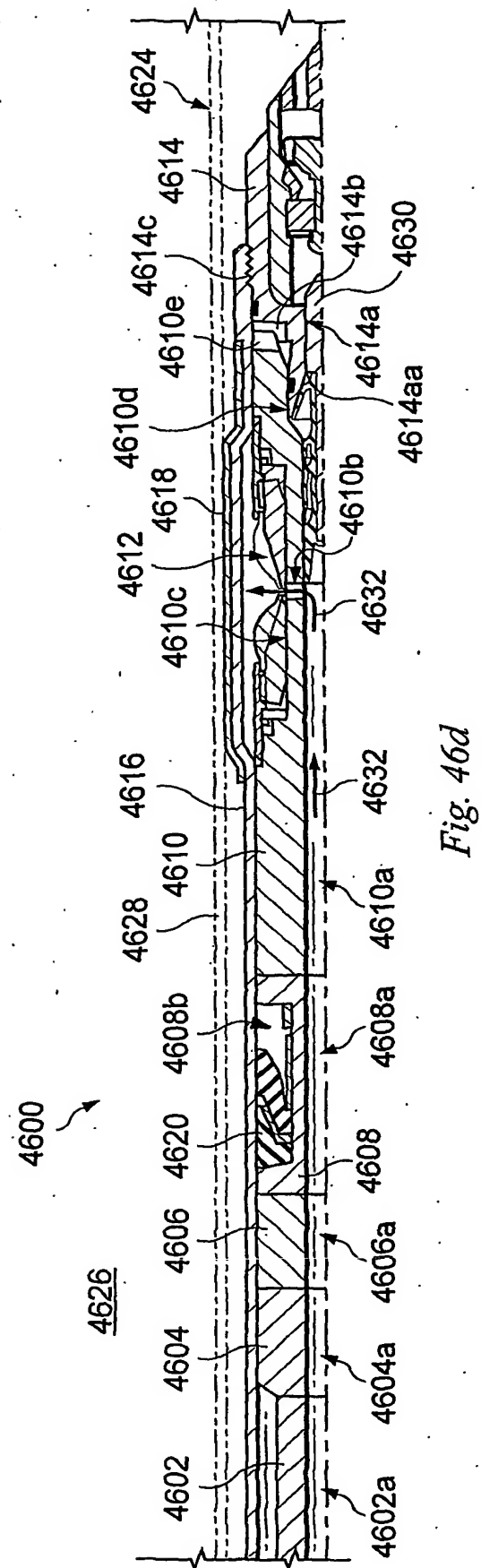
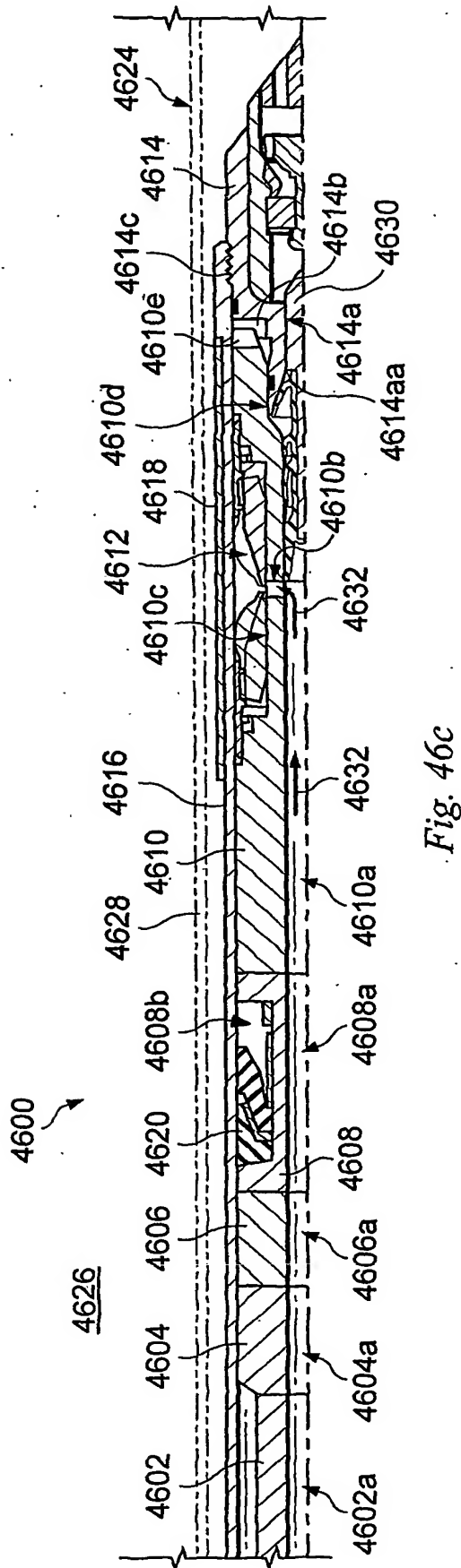


Fig. 46b



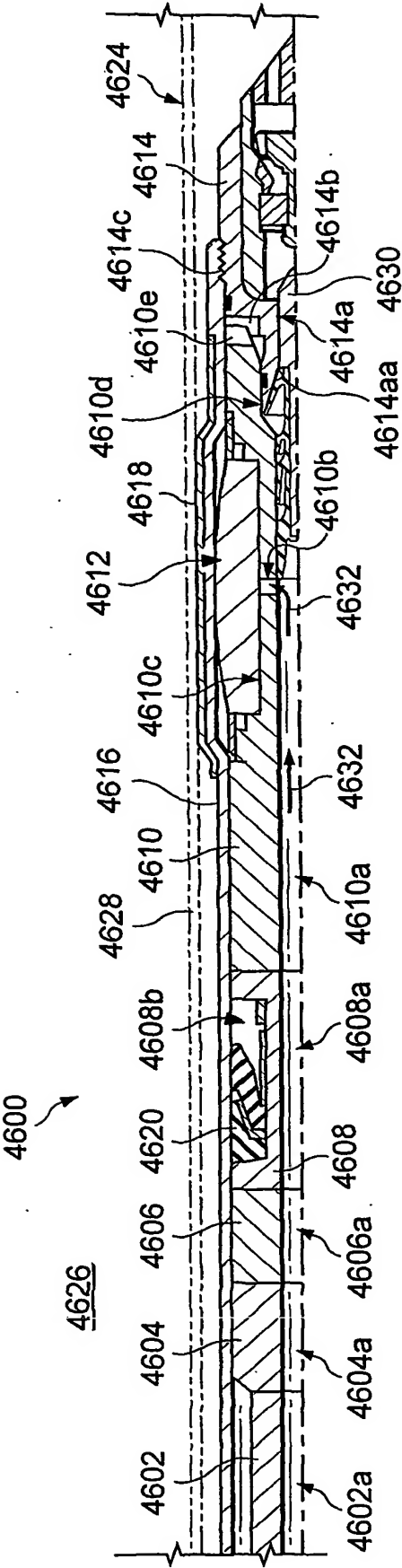


Fig. 46e

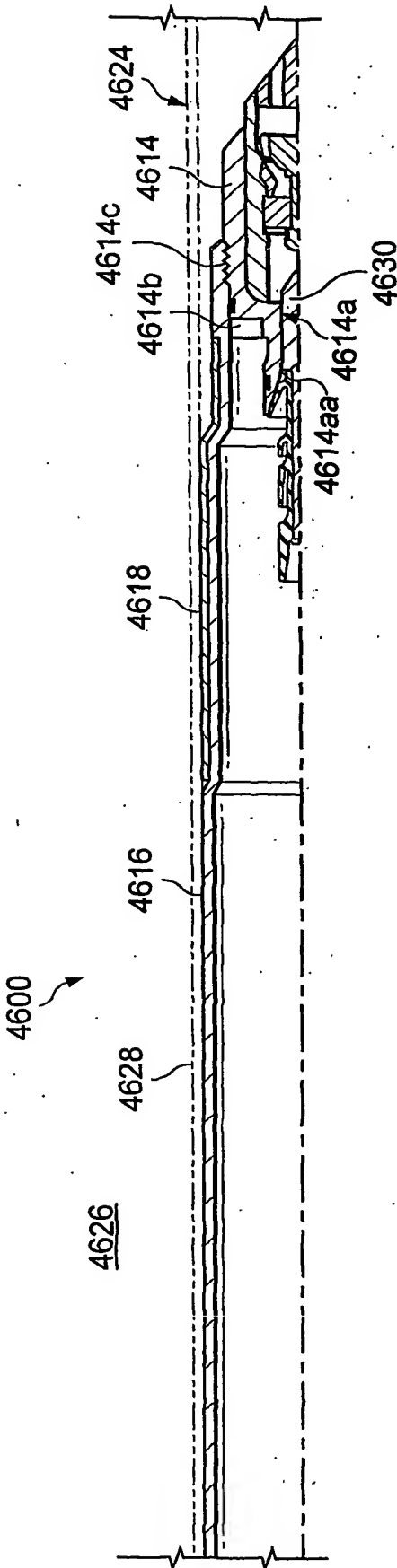


Fig. 46f

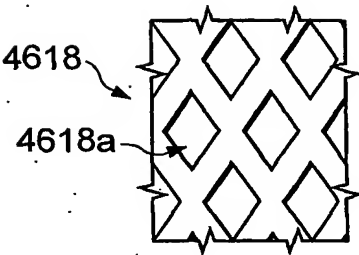


Fig. 46g

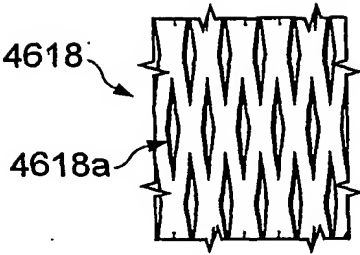


Fig. 46h

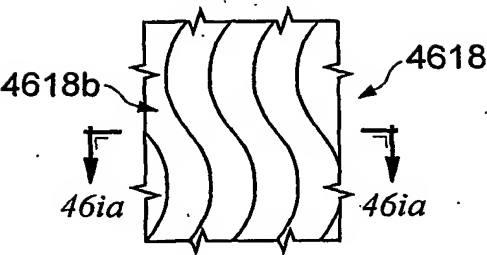


Fig. 46i

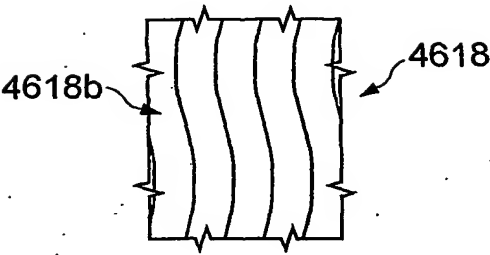


Fig. 46j

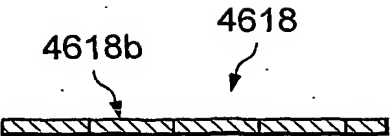


Fig. 46ia

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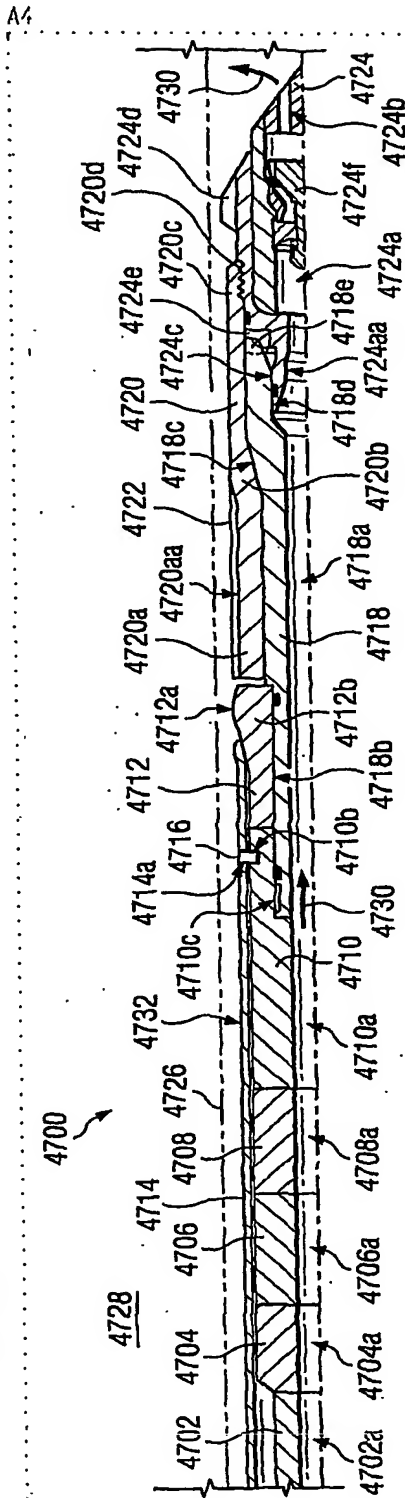


Fig. 47a

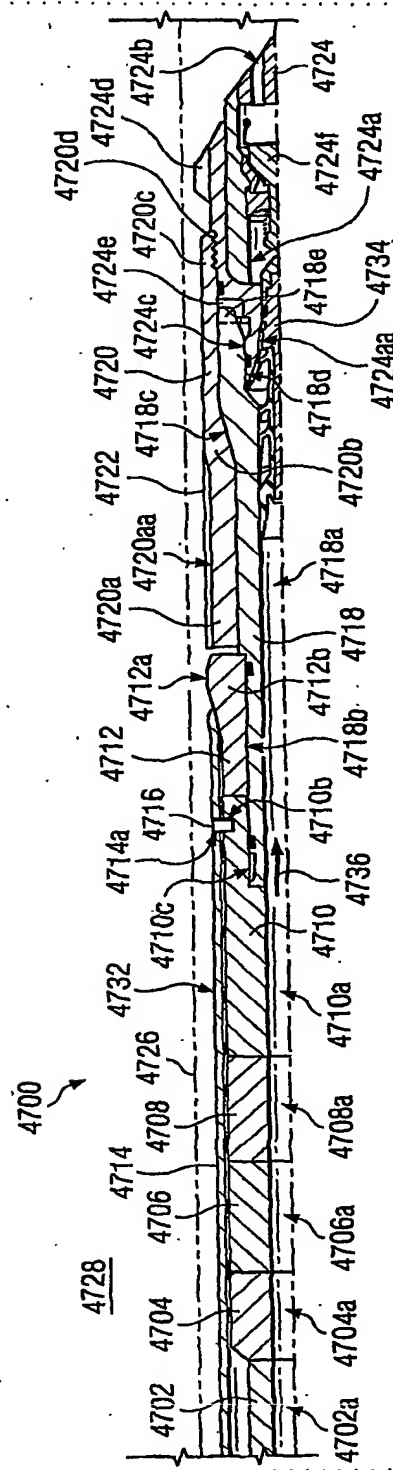
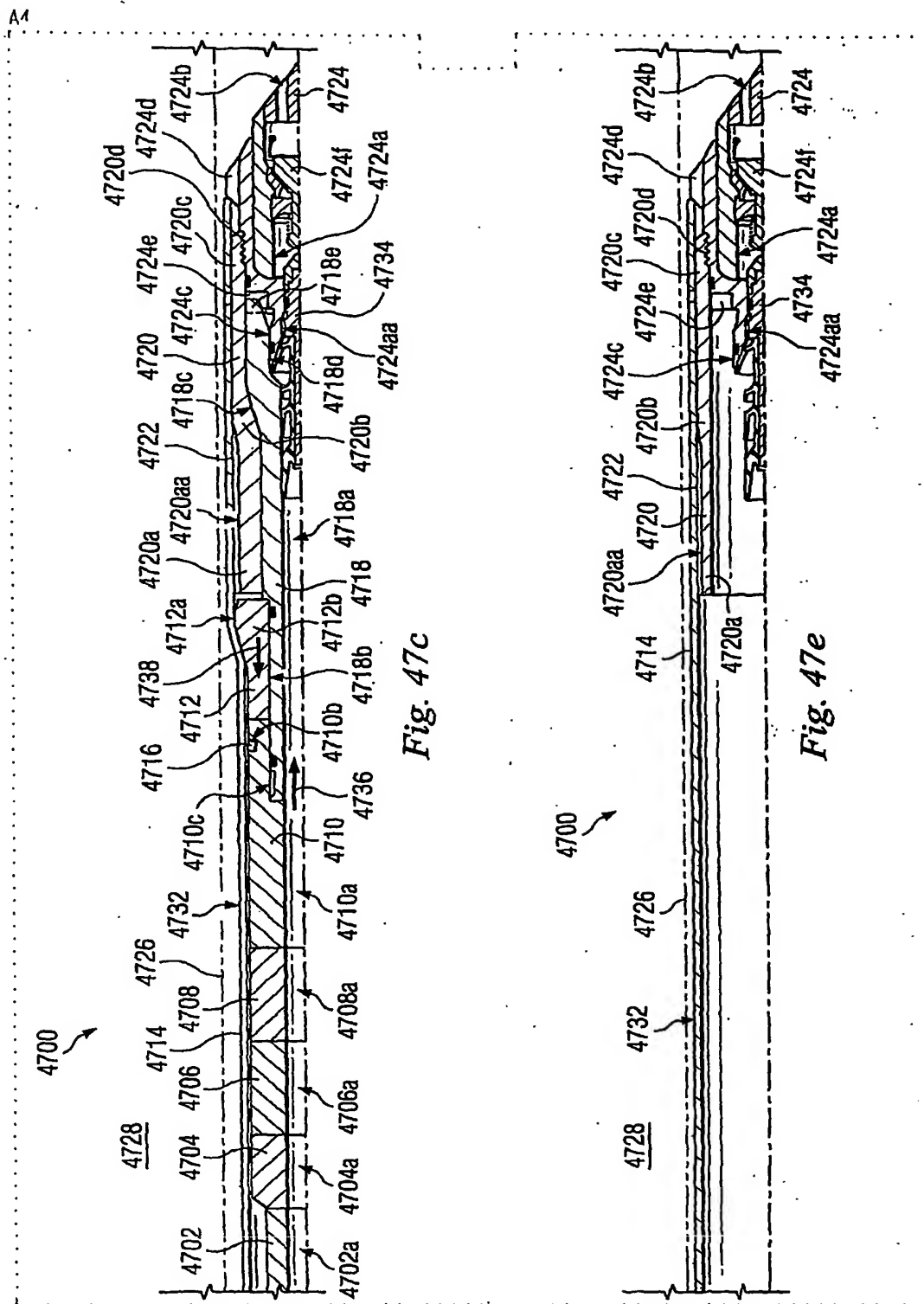


Fig. 47b

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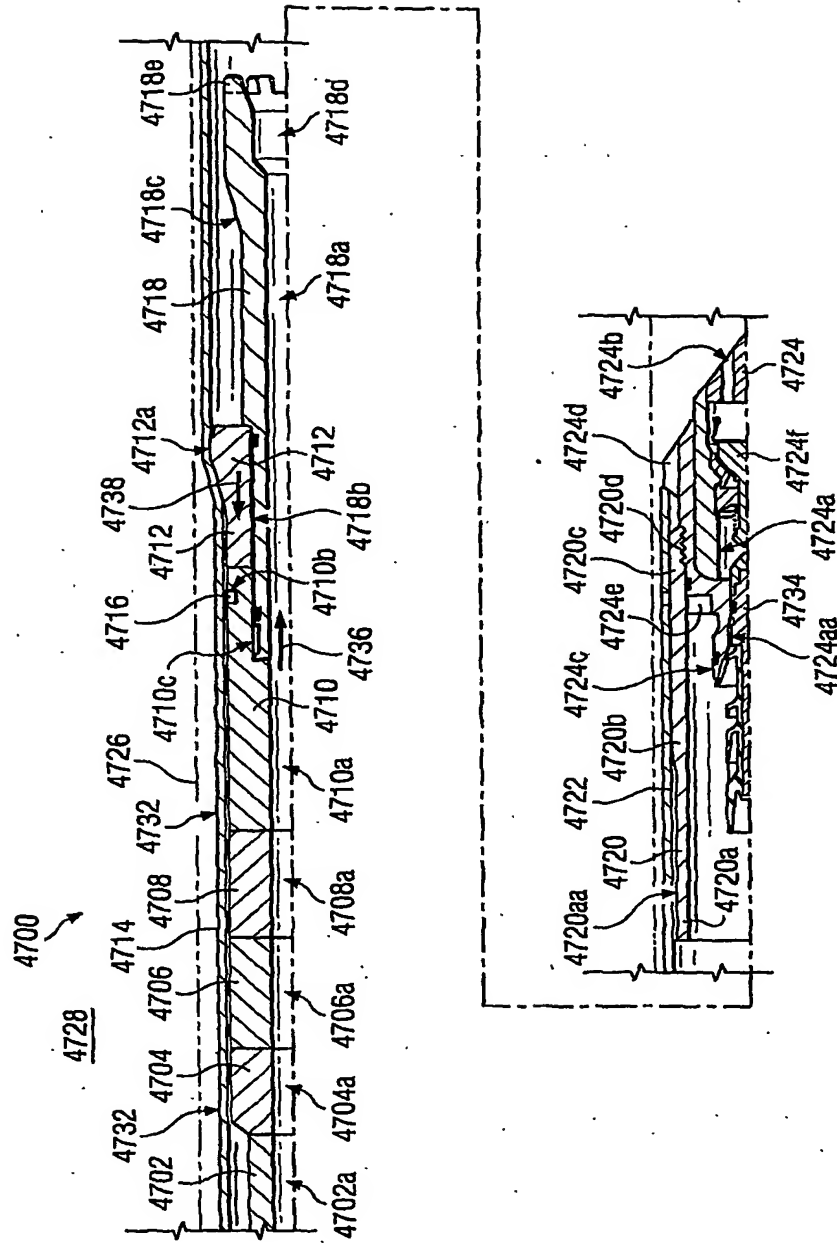


Fig. 47d

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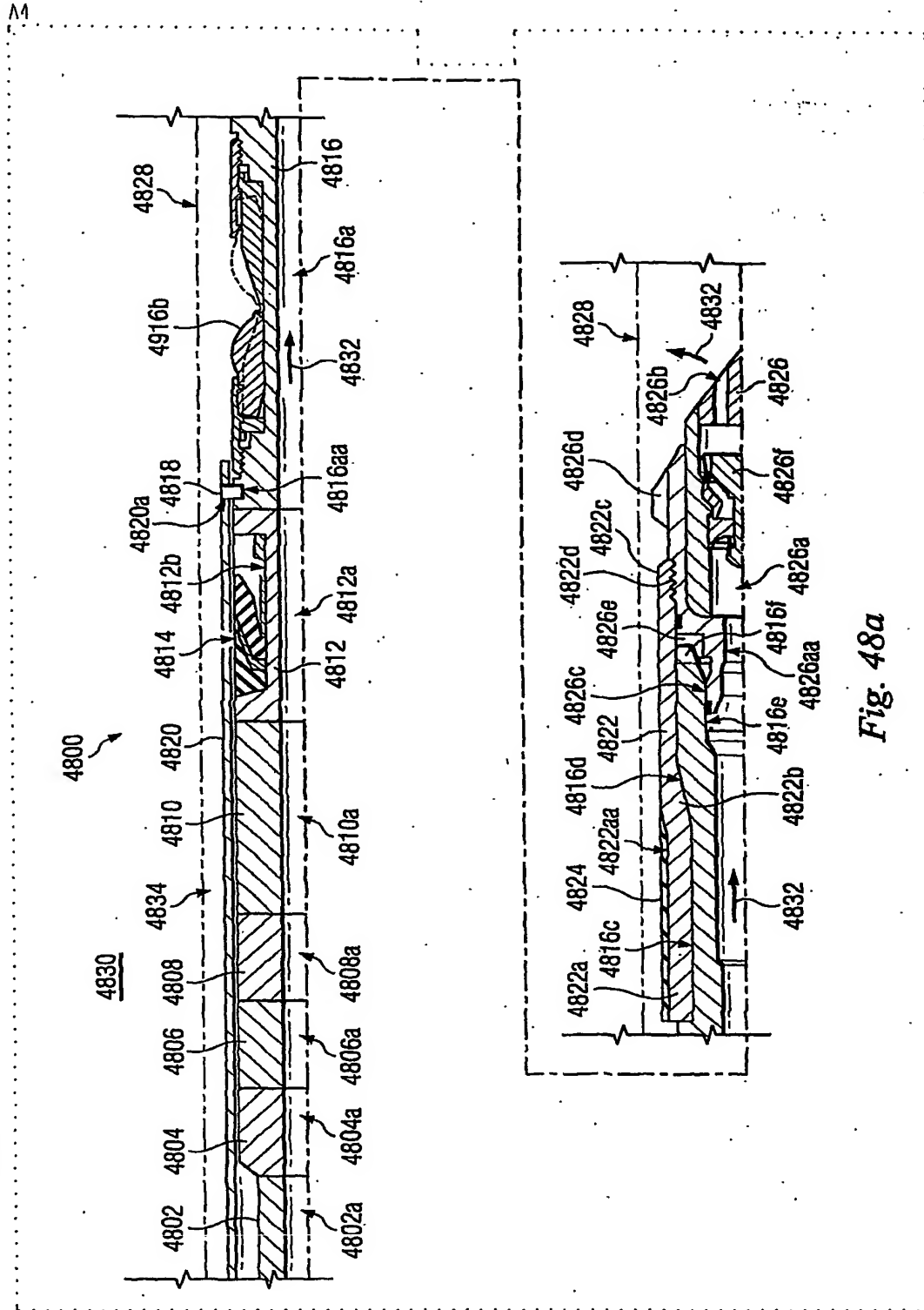


Fig. 48a

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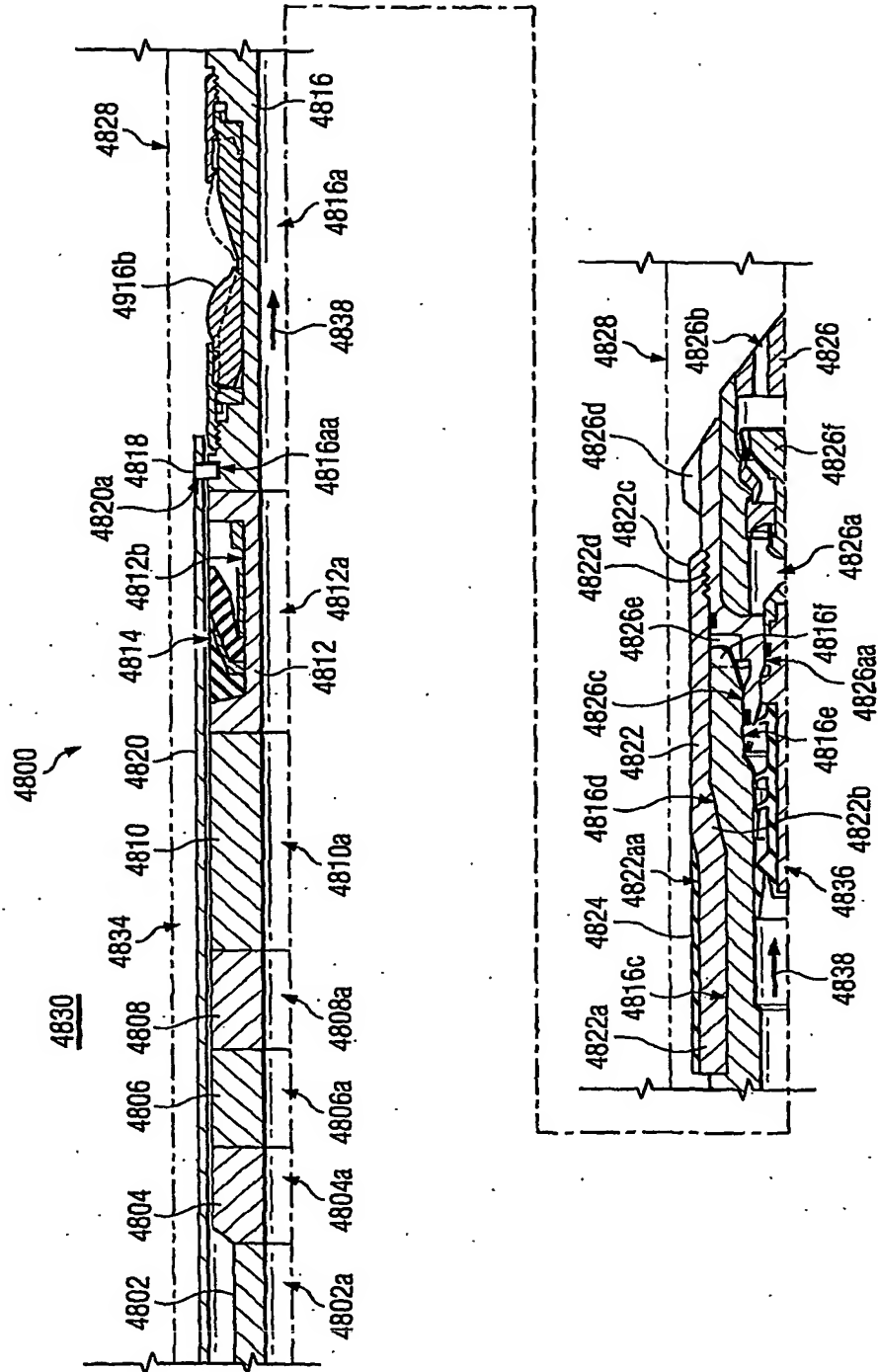


Fig. 48b

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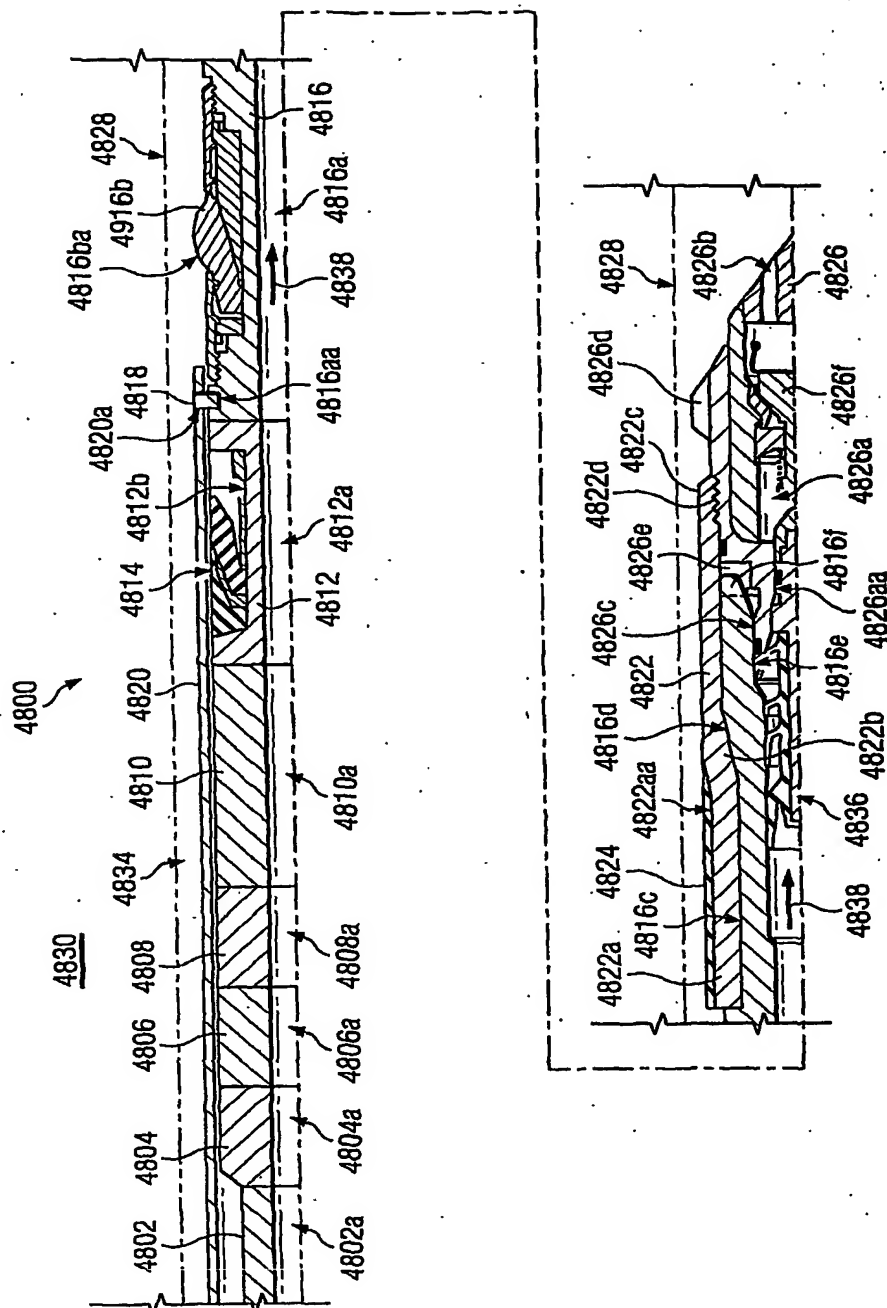


Fig. 48c

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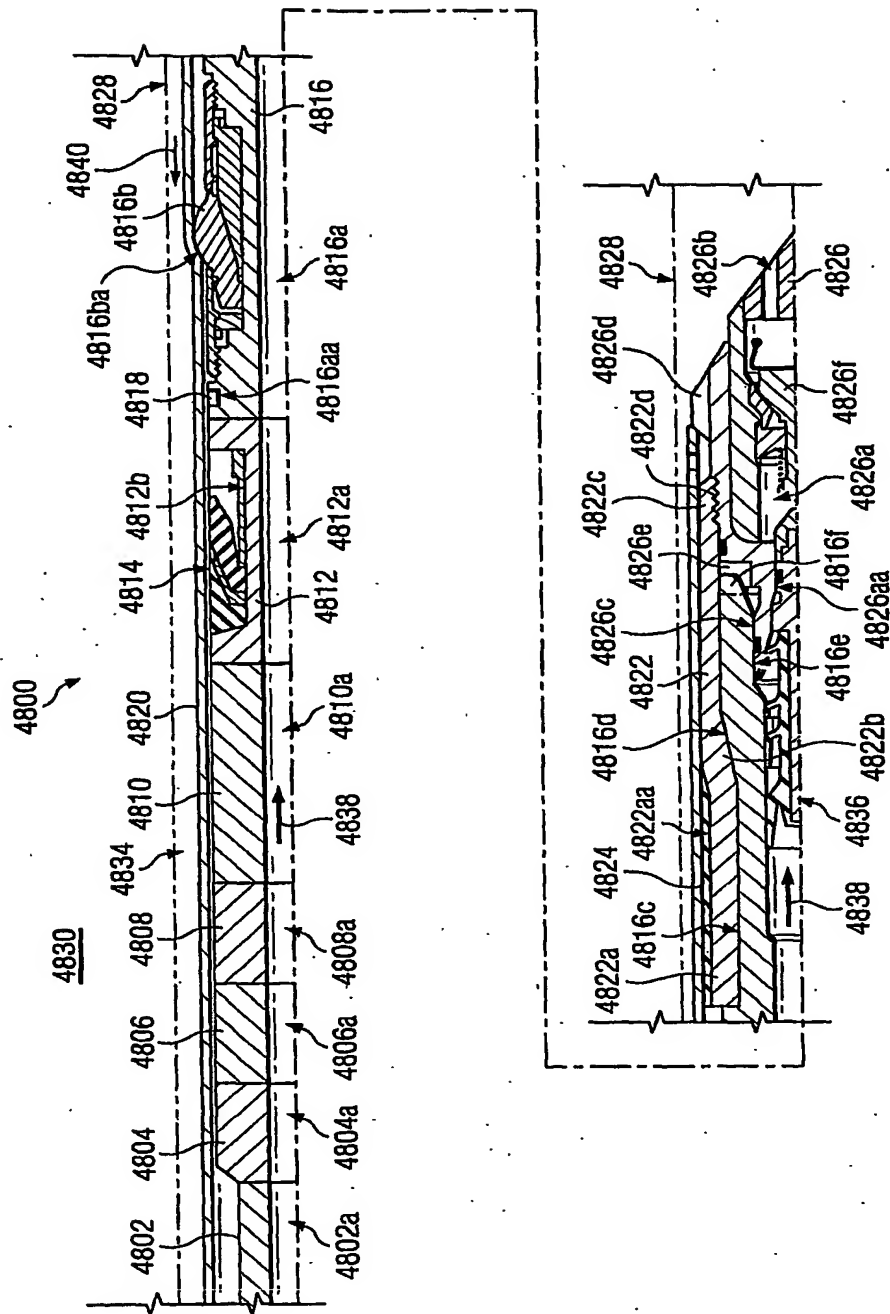


Fig. 48d

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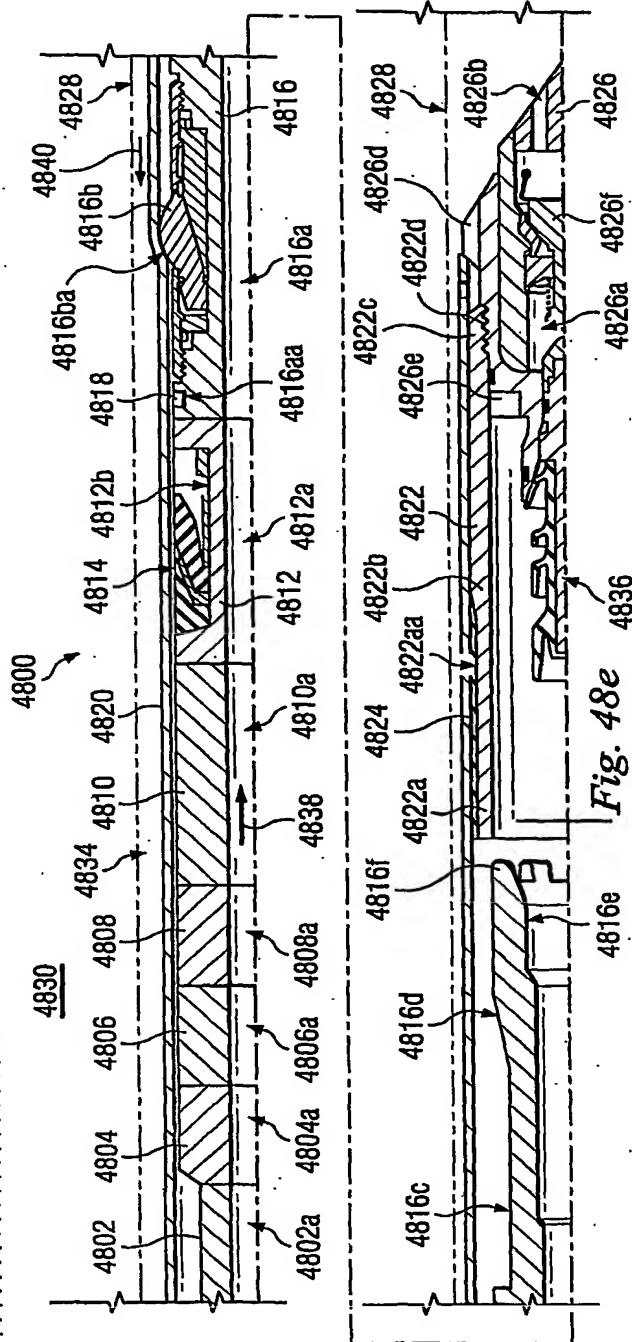


Fig. 48e

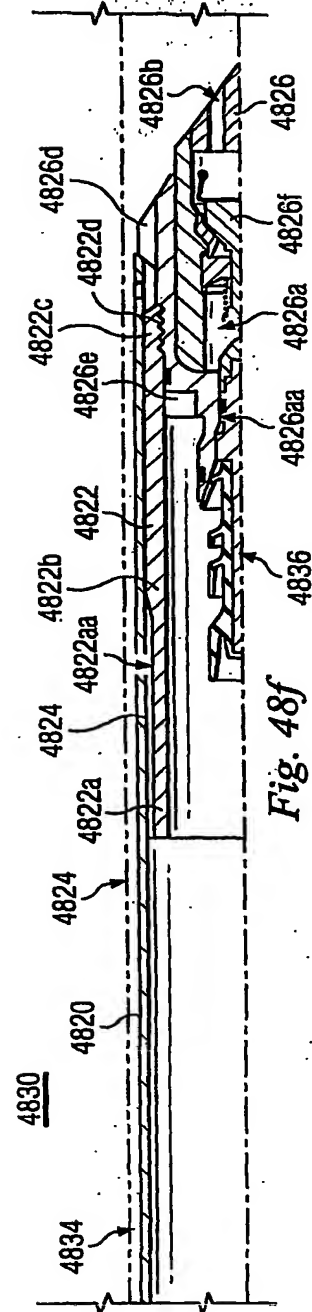
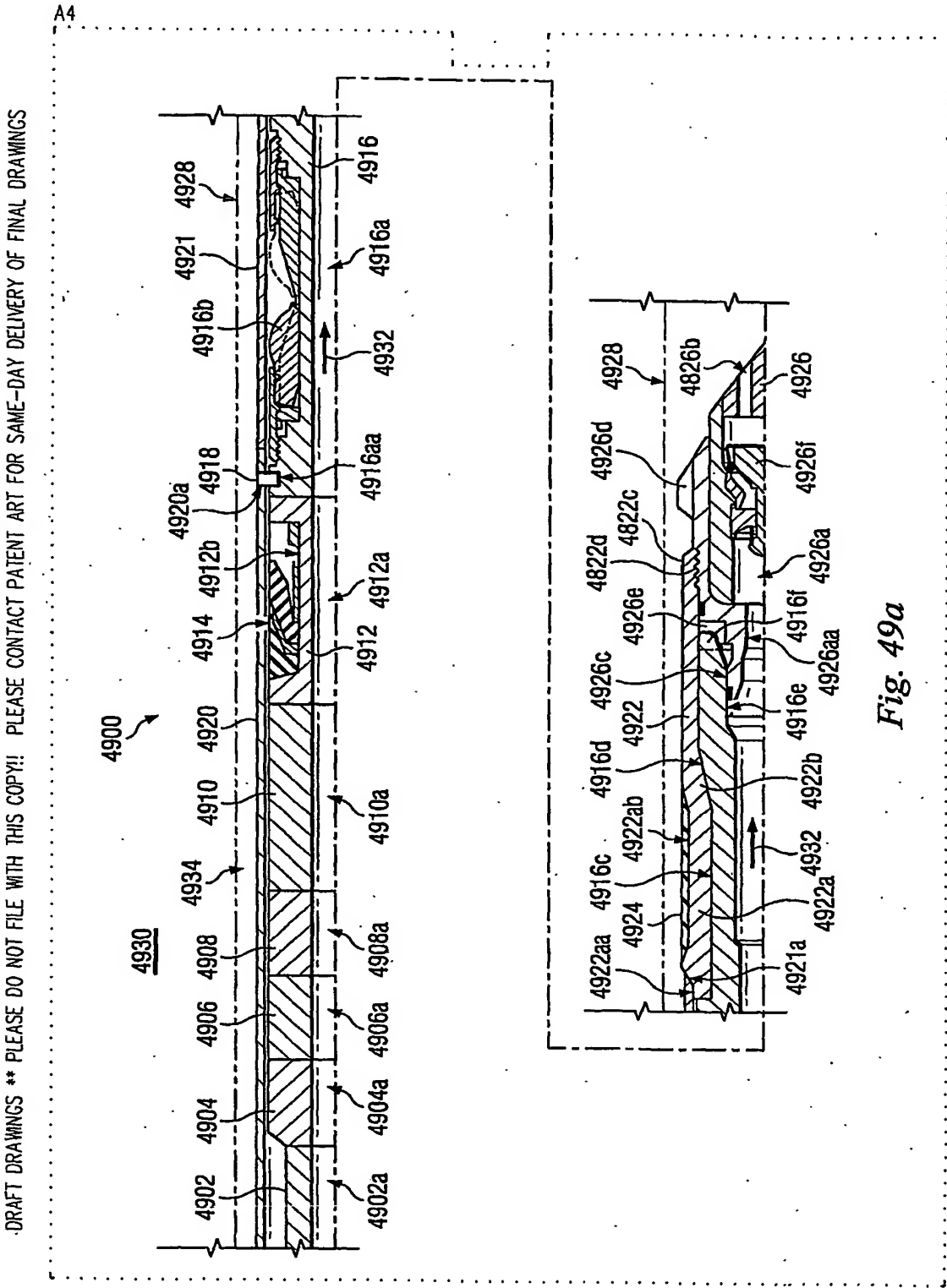
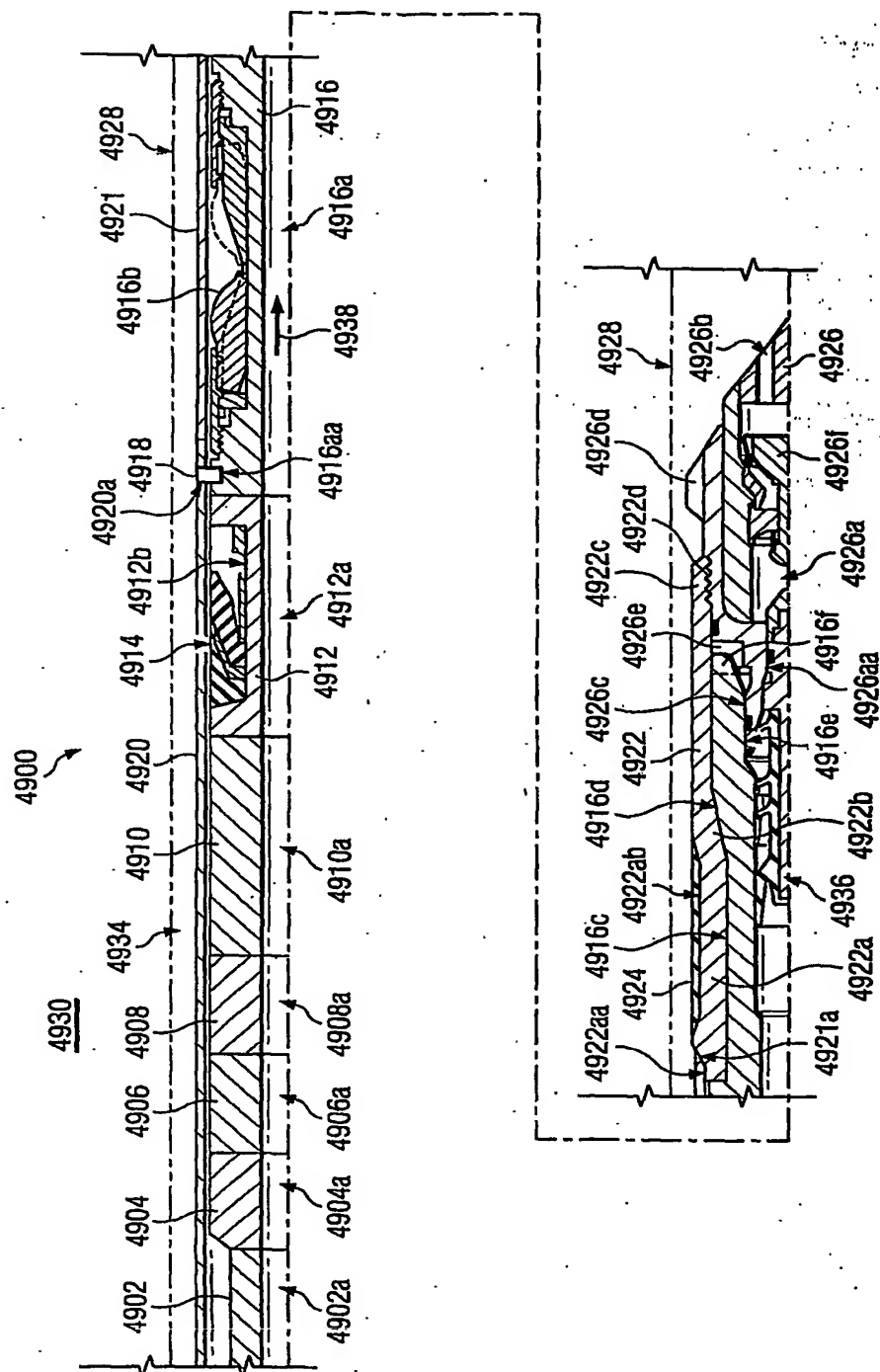


Fig. 48f

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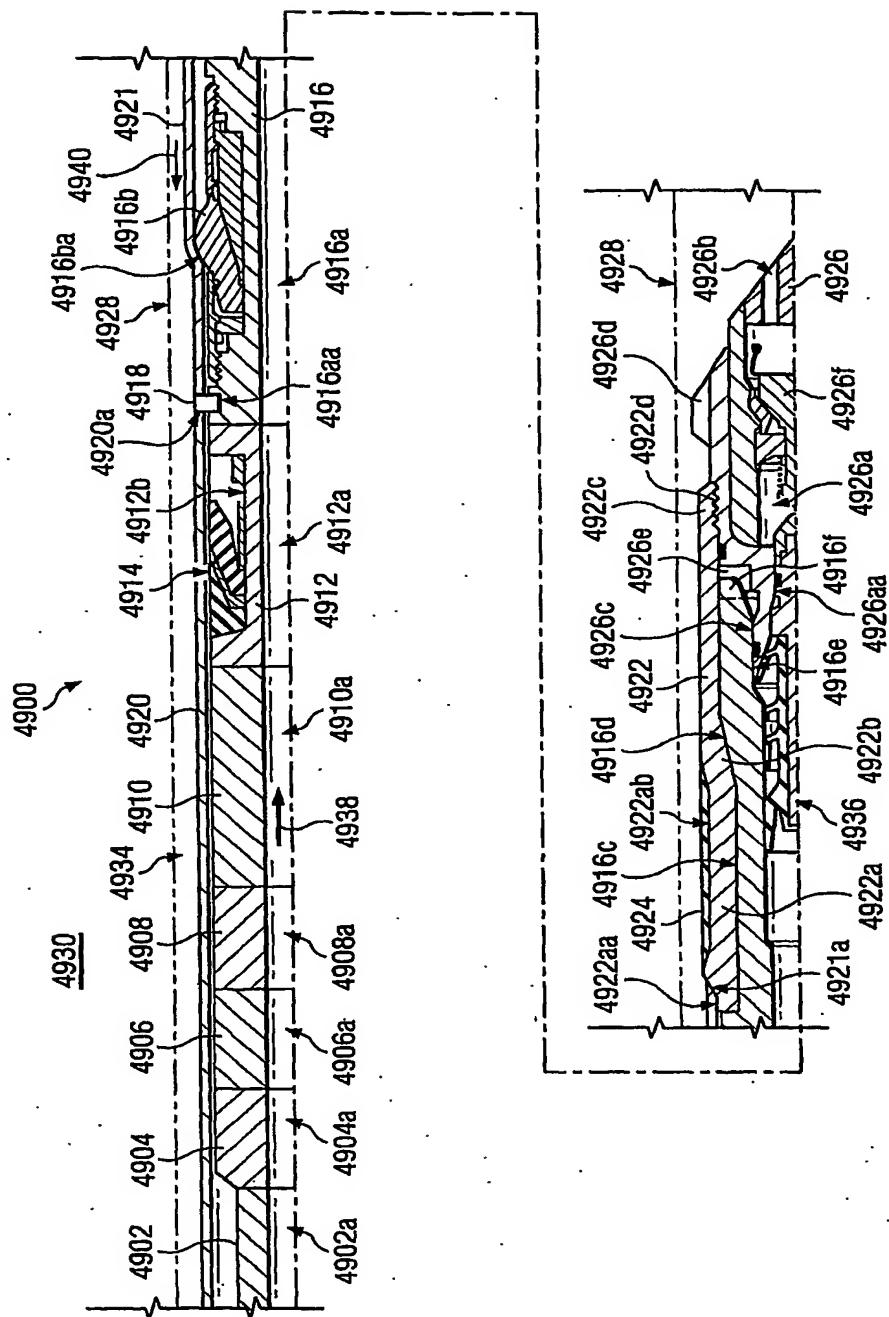
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**Fig. 49c**

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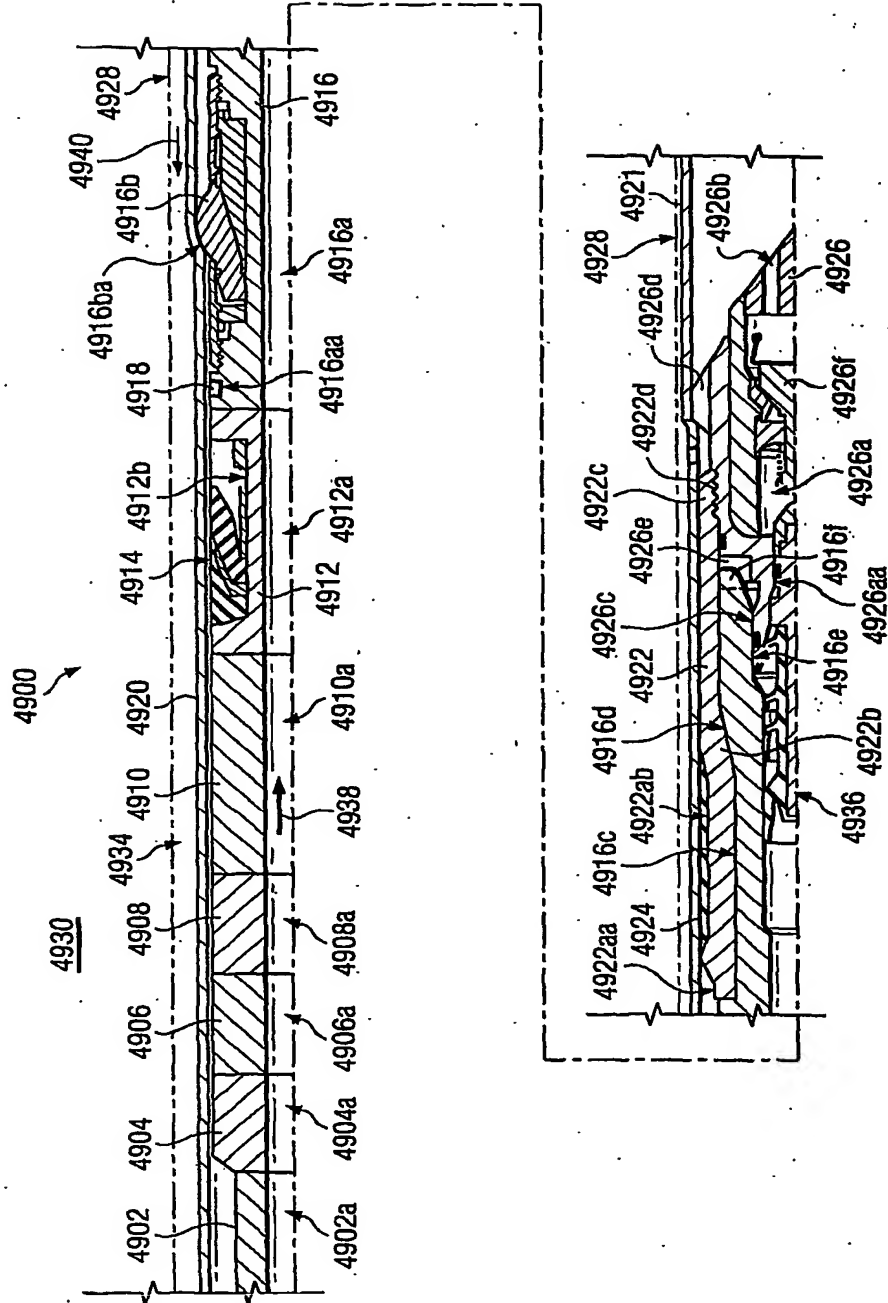
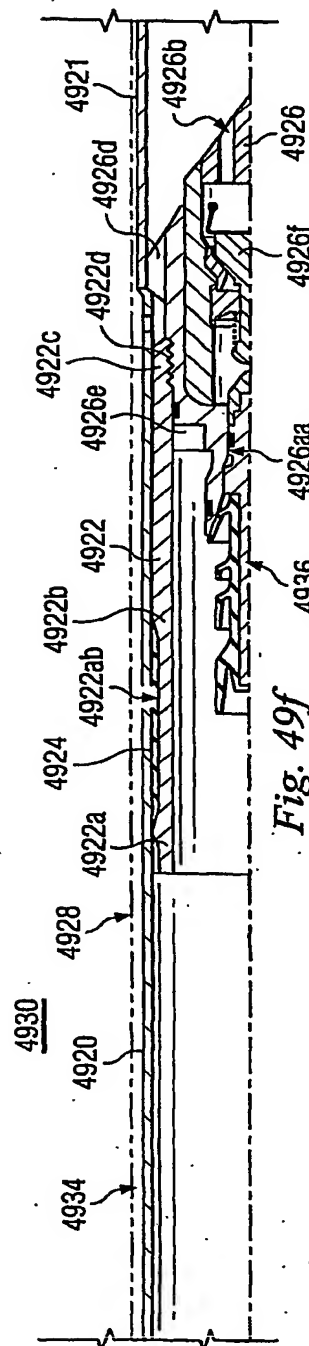
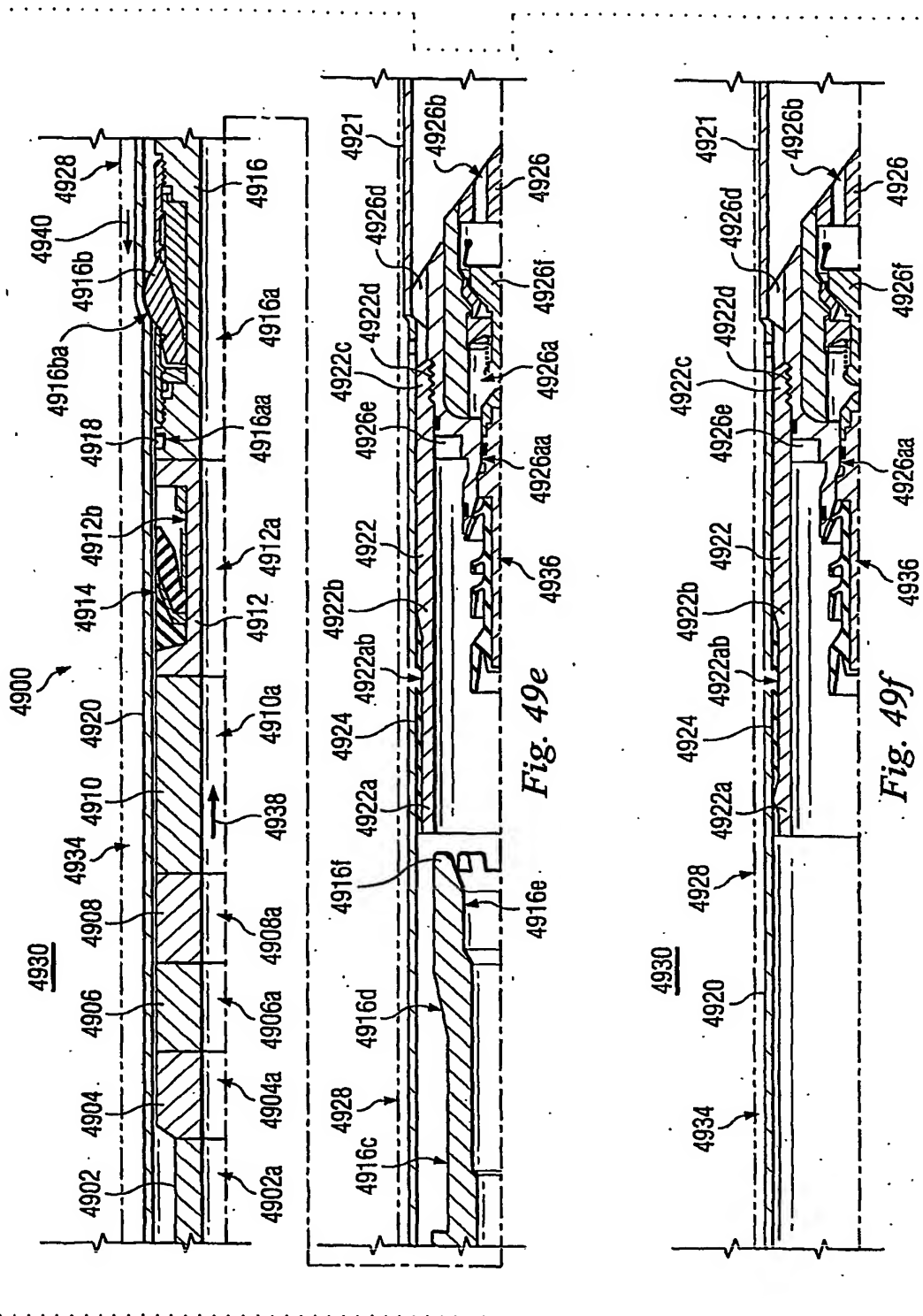


Fig. 49d

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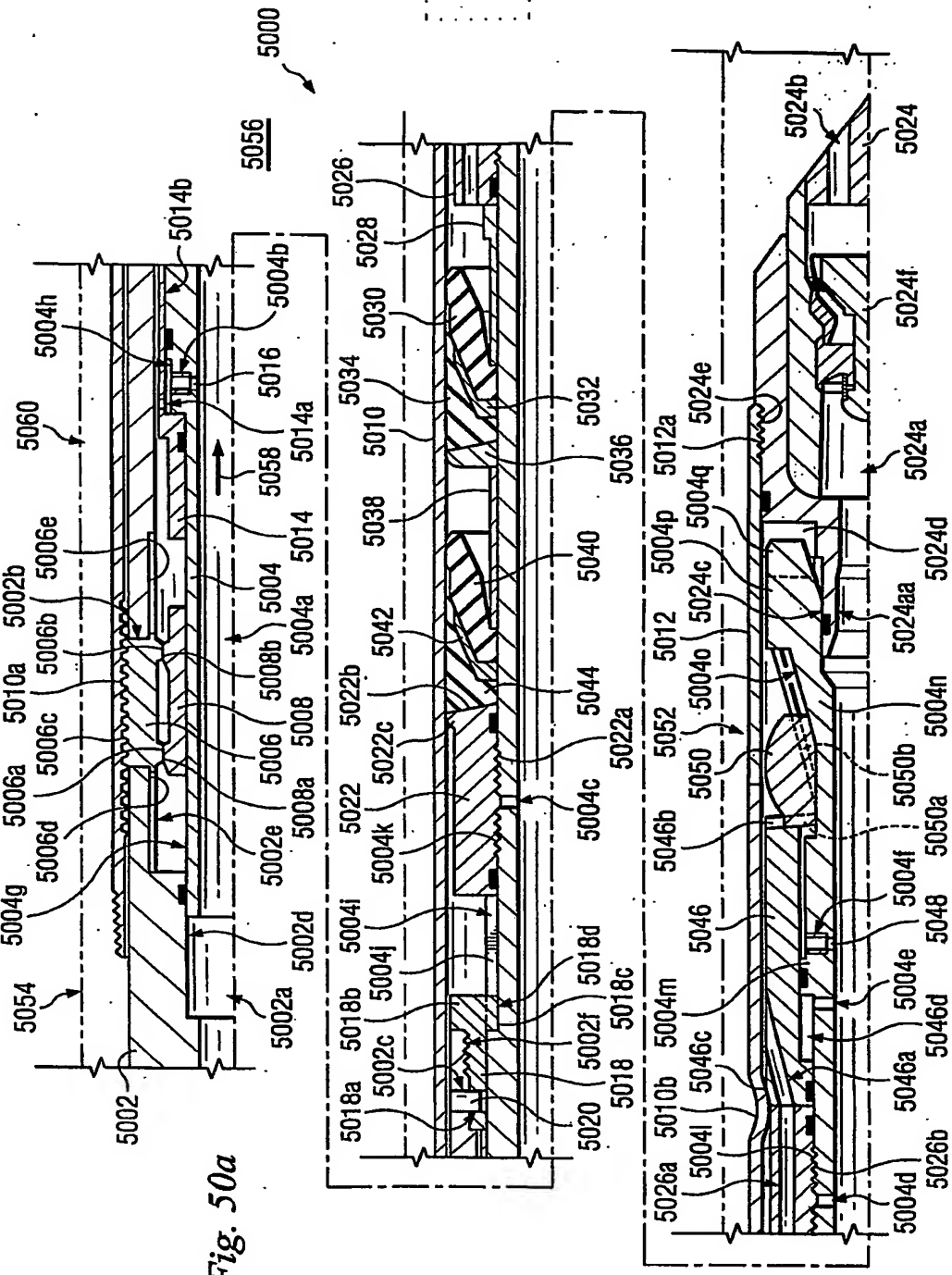


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A4

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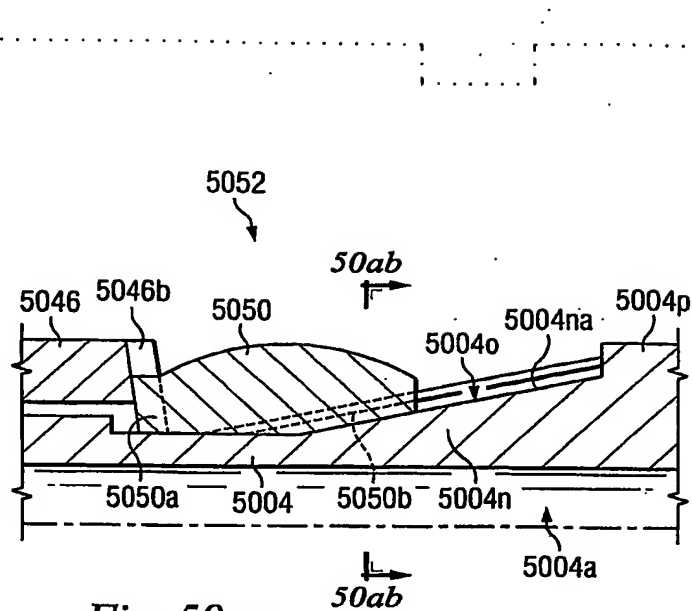
Fig. 50a



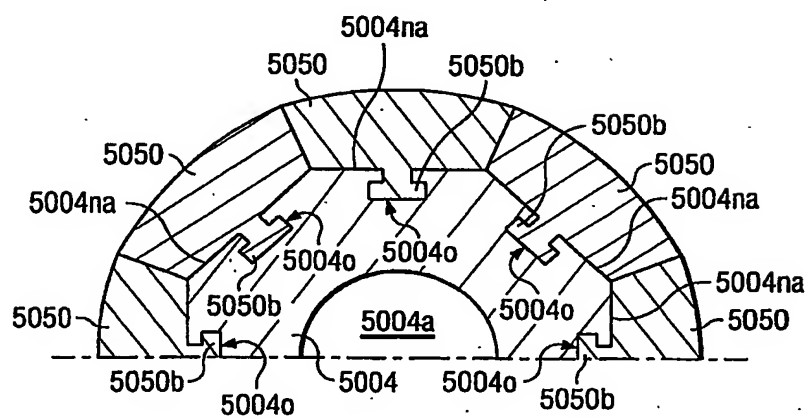
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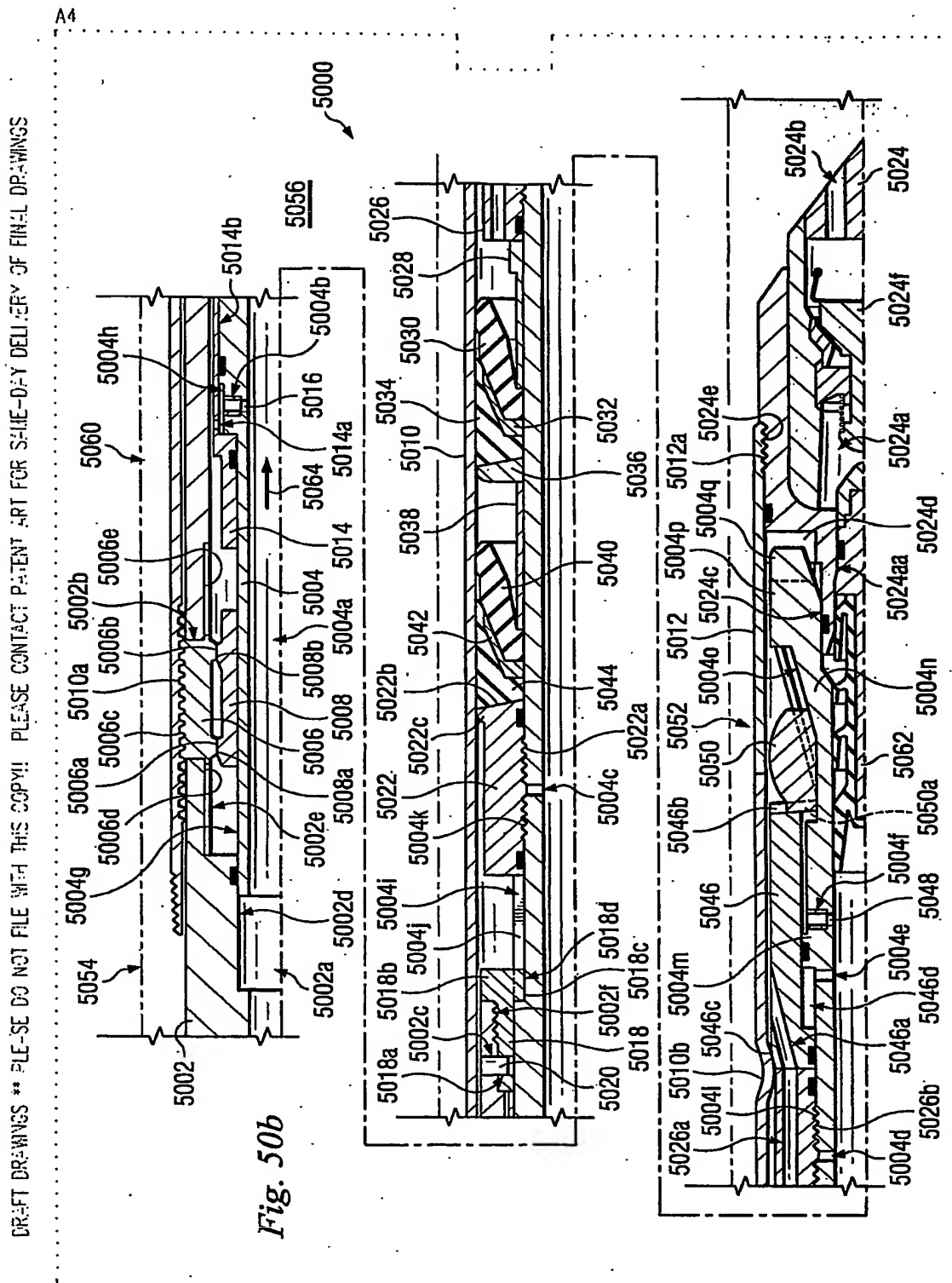
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*Fig. 50aa*



*Fig. 50ab*

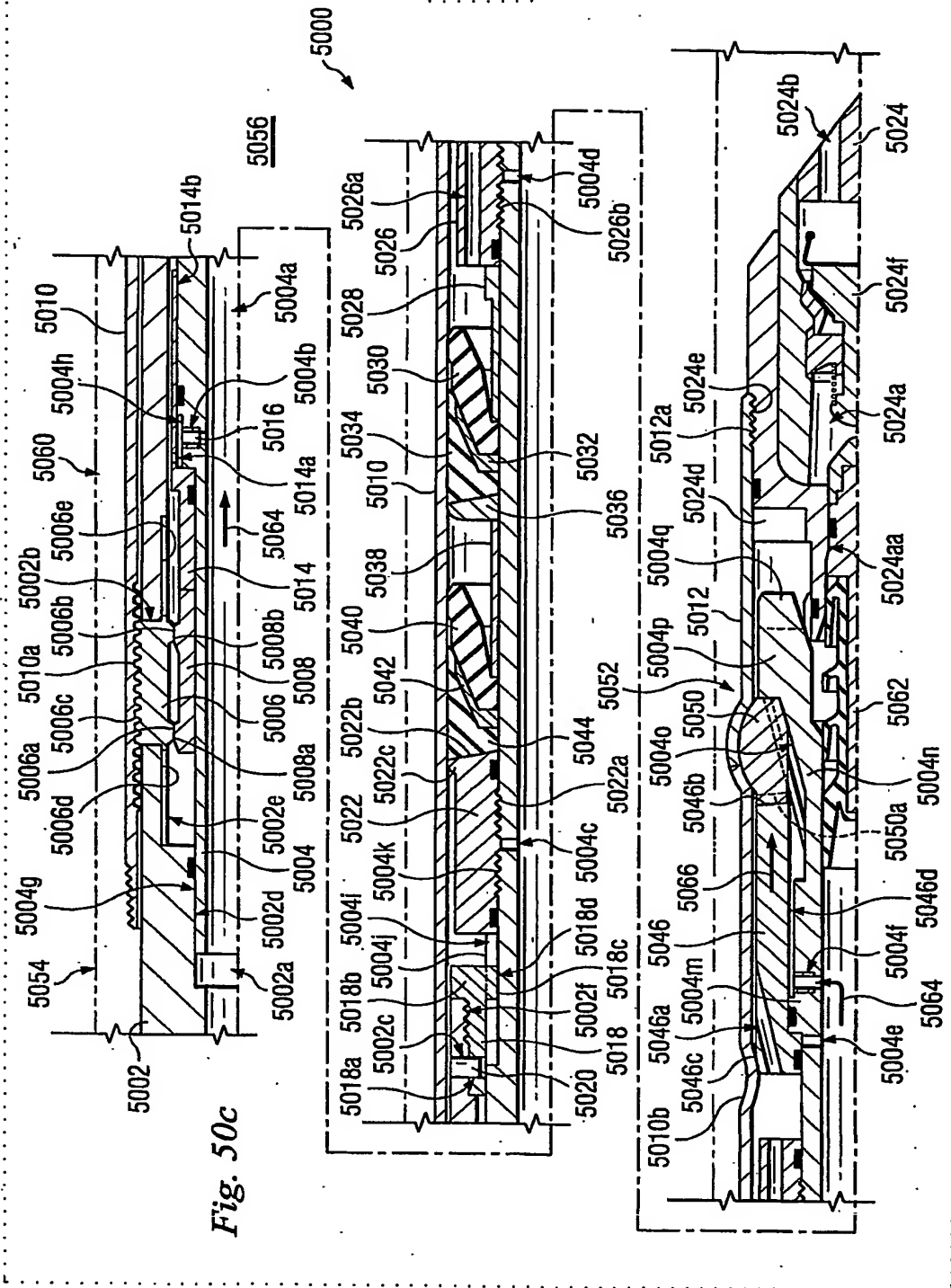


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A4

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Fig. 50c



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A4

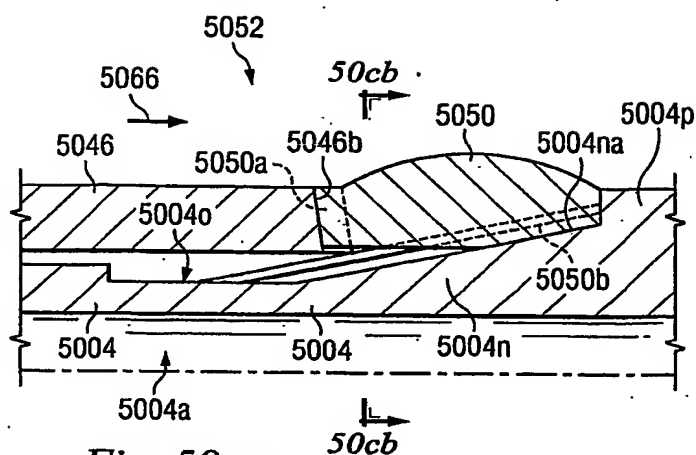
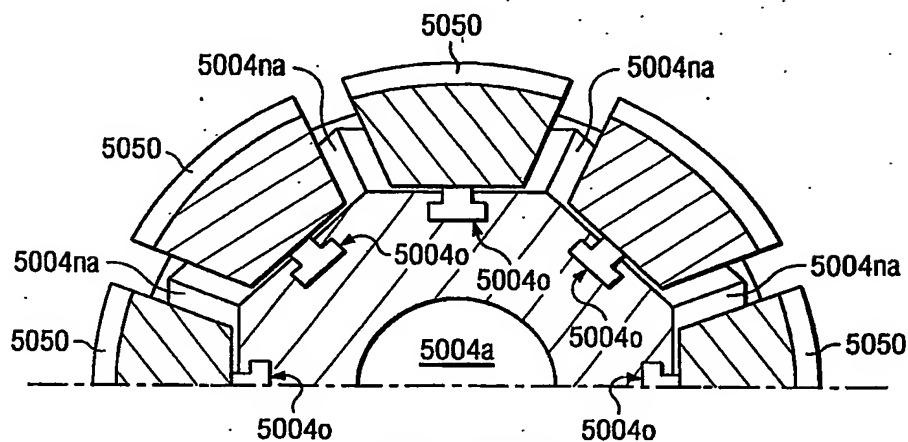
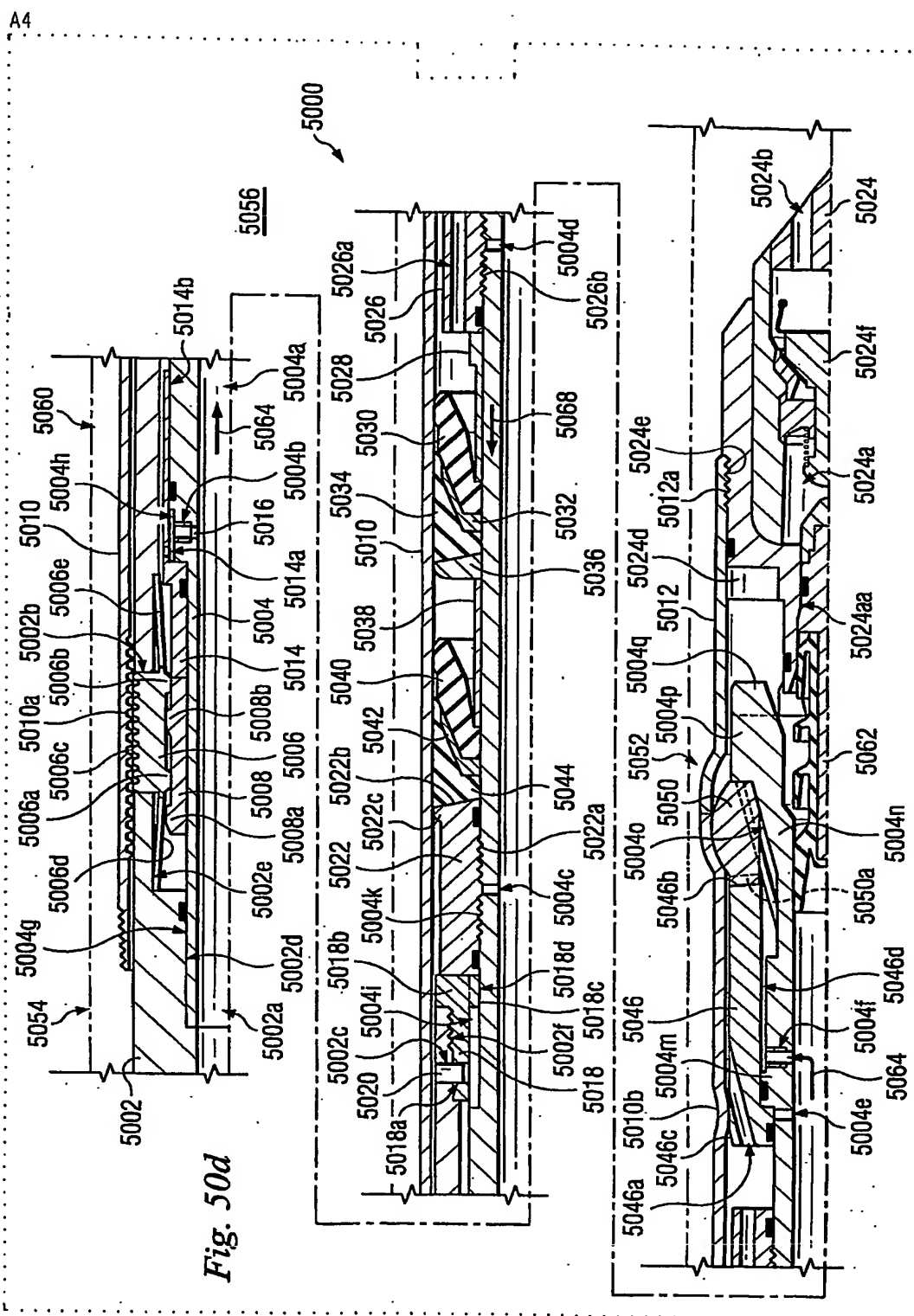


Fig. 50ca





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A4

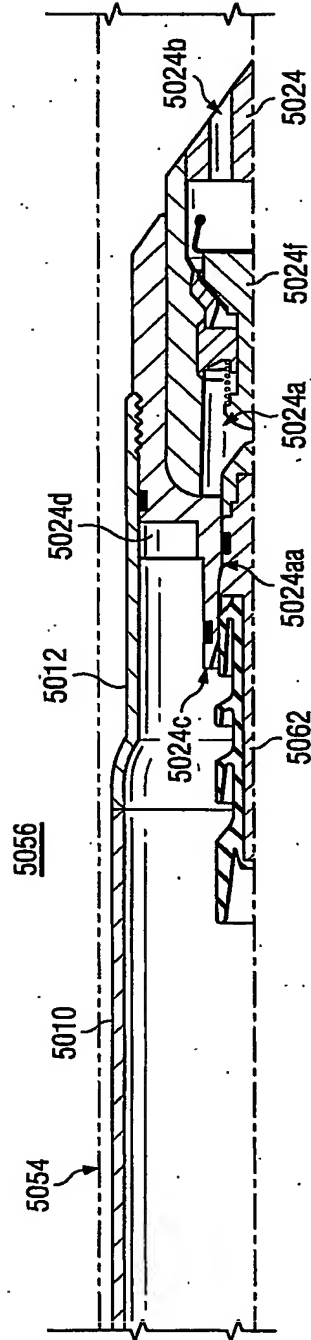
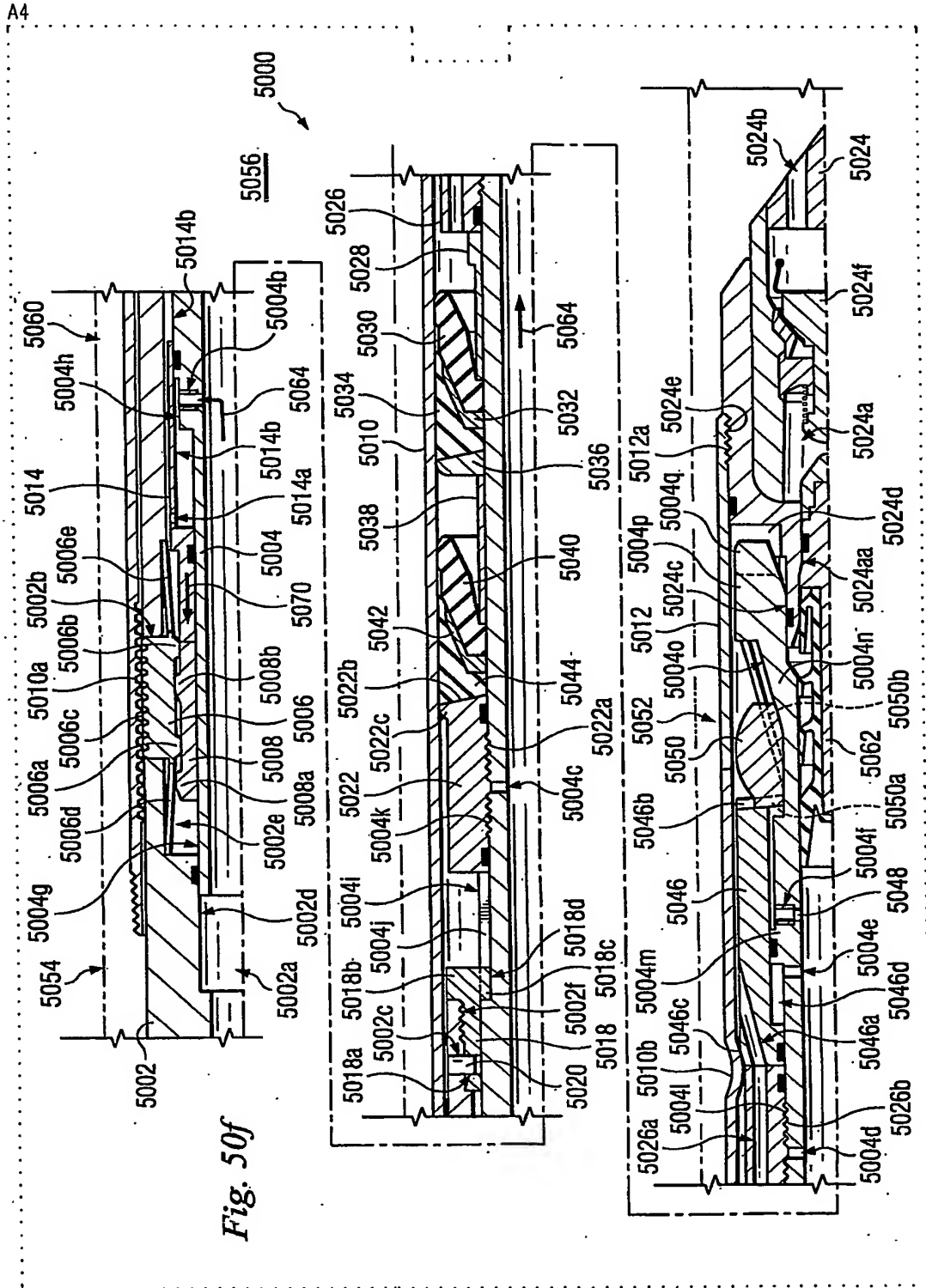


Fig. 50e

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